

# CDKL5 Deficiency Disorder (CDD) Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/C226AC99E640EN.html>

Date: January 2022

Pages: 61

Price: US\$ 3,250.00 (Single User License)

ID: C226AC99E640EN

## Abstracts

CDKL5 deficiency disorder (CDD) is a rare developmental epileptic encephalopathy (DEE), X-linked genetic condition which results in early-onset, difficult to control seizures and severe neuro-developmental impairment. CDKL5 stands for cyclin-dependent kinase-like 5 and mutations in this gene were first identified as disease-causing in 2004. CDD was previously not considered as a separate indication; rather, it was assumed to be an atypical form of Rett Syndrome. The CDKL5 gene provides instructions for making proteins that are essential for normal brain and neuron development. The condition was previously known as serine/threonine-protein kinase 9 (STK9), and it has been classified as DEE because the genetic change causes epileptic activity as well as severe impairment of the development. The CDKL5 gene is located on the X chromosome. The X chromosome is one of the sex chromosomes; females have two X's, and males have one X and one Y chromosome. Although many identified patients are males, because of the location of the gene, this disorder mainly affects females. Affected males may have more severe symptoms than females.

This report contains market size and forecasts of CDKL5 Deficiency Disorder (CDD) in Global, including the following market information:

Global CDKL5 Deficiency Disorder (CDD) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global CDKL5 Deficiency Disorder (CDD) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Traditional Drugs Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of CDKL5 Deficiency Disorder (CDD) include Marinus Pharmaceuticals, Ovid Therapeutics/Takeda, Zogenix and PTC Therapeutics, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the CDKL5 Deficiency Disorder (CDD) companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global CDKL5 Deficiency Disorder (CDD) Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global CDKL5 Deficiency Disorder (CDD) Market Segment Percentages, by Type, 2021 (%)

Traditional Drugs

Emerging Drugs

Global CDKL5 Deficiency Disorder (CDD) Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global CDKL5 Deficiency Disorder (CDD) Market Segment Percentages, by Application, 2021 (%)

Hospital

Clinic

Others

Global CDKL5 Deficiency Disorder (CDD) Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions)

Global CDKL5 Deficiency Disorder (CDD) Market Segment Percentages, By Region  
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies CDKL5 Deficiency Disorder (CDD) revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies CDKL5 Deficiency Disorder (CDD) revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Marinus Pharmaceuticals

Ovid Therapeutics/Takeda

Zogenix

PTC Therapeutics

## Contents

### 1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 CDKL5 Deficiency Disorder (CDD) Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global CDKL5 Deficiency Disorder (CDD) Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### 2 GLOBAL CDKL5 DEFICIENCY DISORDER (CDD) OVERALL MARKET SIZE

- 2.1 Global CDKL5 Deficiency Disorder (CDD) Market Size: 2021 VS 2028
- 2.2 Global CDKL5 Deficiency Disorder (CDD) Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### 3 COMPANY LANDSCAPE

- 3.1 Top CDKL5 Deficiency Disorder (CDD) Players in Global Market
- 3.2 Top Global CDKL5 Deficiency Disorder (CDD) Companies Ranked by Revenue
- 3.3 Global CDKL5 Deficiency Disorder (CDD) Revenue by Companies
- 3.4 Top 3 and Top 5 CDKL5 Deficiency Disorder (CDD) Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies CDKL5 Deficiency Disorder (CDD) Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 CDKL5 Deficiency Disorder (CDD) Players in Global Market
  - 3.6.1 List of Global Tier 1 CDKL5 Deficiency Disorder (CDD) Companies
  - 3.6.2 List of Global Tier 2 and Tier 3 CDKL5 Deficiency Disorder (CDD) Companies

### 4 MARKET SIGHTS BY PRODUCT

## 4.1 Overview

4.1.1 by Type - Global CDKL5 Deficiency Disorder (CDD) Market Size Markets, 2021 & 2028

4.1.2 Traditional Drugs

4.1.3 Emerging Drugs

4.2 By Type - Global CDKL5 Deficiency Disorder (CDD) Revenue & Forecasts

4.2.1 By Type - Global CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2022

4.2.2 By Type - Global CDKL5 Deficiency Disorder (CDD) Revenue, 2023-2028

4.2.3 By Type - Global CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028

## 5 SIGHTS BY APPLICATION

### 5.1 Overview

5.1.1 By Application - Global CDKL5 Deficiency Disorder (CDD) Market Size, 2021 & 2028

5.1.2 Hospital

5.1.3 Clinic

5.1.4 Others

5.2 By Application - Global CDKL5 Deficiency Disorder (CDD) Revenue & Forecasts

5.2.1 By Application - Global CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2022

5.2.2 By Application - Global CDKL5 Deficiency Disorder (CDD) Revenue, 2023-2028

5.2.3 By Application - Global CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028

## 6 SIGHTS BY REGION

6.1 By Region - Global CDKL5 Deficiency Disorder (CDD) Market Size, 2021 & 2028

6.2 By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue & Forecasts

6.2.1 By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2022

6.2.2 By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue, 2023-2028

6.2.3 By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028

6.3 North America

6.3.1 By Country - North America CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2028

6.3.2 US CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

6.3.3 Canada CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.3.4 Mexico CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

### 6.4 Europe

#### 6.4.1 By Country - Europe CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2028

#### 6.4.2 Germany CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.4.3 France CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.4.4 U.K. CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.4.5 Italy CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.4.6 Russia CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.4.7 Nordic Countries CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.4.8 Benelux CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

### 6.5 Asia

#### 6.5.1 By Region - Asia CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2028

#### 6.5.2 China CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.5.3 Japan CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.5.4 South Korea CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.5.5 Southeast Asia CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.5.6 India CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

### 6.6 South America

#### 6.6.1 By Country - South America CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2028

#### 6.6.2 Brazil CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.6.3 Argentina CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

### 6.7 Middle East & Africa

#### 6.7.1 By Country - Middle East & Africa CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2028

#### 6.7.2 Turkey CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.7.3 Israel CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.7.4 Saudi Arabia CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

#### 6.7.5 UAE CDKL5 Deficiency Disorder (CDD) Market Size, 2017-2028

## 7 PLAYERS PROFILES

### 7.1 Marinus Pharmaceuticals

#### 7.1.1 Marinus Pharmaceuticals Corporate Summary

#### 7.1.2 Marinus Pharmaceuticals Business Overview

#### 7.1.3 Marinus Pharmaceuticals CDKL5 Deficiency Disorder (CDD) Major Product Offerings

#### 7.1.4 Marinus Pharmaceuticals CDKL5 Deficiency Disorder (CDD) Revenue in Global Market (2017-2022)



- 7.1.5 Marinus Pharmaceuticals Key News
- 7.2 Ovid Therapeutics/Takeda
  - 7.2.1 Ovid Therapeutics/Takeda Corporate Summary
  - 7.2.2 Ovid Therapeutics/Takeda Business Overview
  - 7.2.3 Ovid Therapeutics/Takeda CDKL5 Deficiency Disorder (CDD) Major Product Offerings
  - 7.2.4 Ovid Therapeutics/Takeda CDKL5 Deficiency Disorder (CDD) Revenue in Global Market (2017-2022)
  - 7.2.5 Ovid Therapeutics/Takeda Key News
- 7.3 Zogenix
  - 7.3.1 Zogenix Corporate Summary
  - 7.3.2 Zogenix Business Overview
  - 7.3.3 Zogenix CDKL5 Deficiency Disorder (CDD) Major Product Offerings
  - 7.3.4 Zogenix CDKL5 Deficiency Disorder (CDD) Revenue in Global Market (2017-2022)
  - 7.3.5 Zogenix Key News
- 7.4 PTC Therapeutics
  - 7.4.1 PTC Therapeutics Corporate Summary
  - 7.4.2 PTC Therapeutics Business Overview
  - 7.4.3 PTC Therapeutics CDKL5 Deficiency Disorder (CDD) Major Product Offerings
  - 7.4.4 PTC Therapeutics CDKL5 Deficiency Disorder (CDD) Revenue in Global Market (2017-2022)
  - 7.4.5 PTC Therapeutics Key News

## **8 CONCLUSION**

## **9 APPENDIX**

- 9.1 Note
- 9.2 Examples of Clients
- 9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. CDKL5 Deficiency Disorder (CDD) Market Opportunities & Trends in Global Market

Table 2. CDKL5 Deficiency Disorder (CDD) Market Drivers in Global Market

Table 3. CDKL5 Deficiency Disorder (CDD) Market Restraints in Global Market

Table 4. Key Players of CDKL5 Deficiency Disorder (CDD) in Global Market

Table 5. Top CDKL5 Deficiency Disorder (CDD) Players in Global Market, Ranking by Revenue (2021)

Table 6. Global CDKL5 Deficiency Disorder (CDD) Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global CDKL5 Deficiency Disorder (CDD) Revenue Share by Companies, 2017-2022

Table 8. Global Companies CDKL5 Deficiency Disorder (CDD) Product Type

Table 9. List of Global Tier 1 CDKL5 Deficiency Disorder (CDD) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 CDKL5 Deficiency Disorder (CDD) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - CDKL5 Deficiency Disorder (CDD) Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - CDKL5 Deficiency Disorder (CDD) Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - CDKL5 Deficiency Disorder (CDD) Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - CDKL5 Deficiency Disorder (CDD) Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America CDKL5 Deficiency Disorder (CDD) Revenue,

(US\$, Mn), 2017-2022

Table 21. By Country - North America CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2023-2028

Table 30. Marinus Pharmaceuticals Corporate Summary

Table 31. Marinus Pharmaceuticals CDKL5 Deficiency Disorder (CDD) Product Offerings

Table 32. Marinus Pharmaceuticals CDKL5 Deficiency Disorder (CDD) Revenue (US\$, Mn), (2017-2022)

Table 33. Ovid Therapeutics/Takeda Corporate Summary

Table 34. Ovid Therapeutics/Takeda CDKL5 Deficiency Disorder (CDD) Product Offerings

Table 35. Ovid Therapeutics/Takeda CDKL5 Deficiency Disorder (CDD) Revenue (US\$, Mn), (2017-2022)

Table 36. Zogenix Corporate Summary

Table 37. Zogenix CDKL5 Deficiency Disorder (CDD) Product Offerings

Table 38. Zogenix CDKL5 Deficiency Disorder (CDD) Revenue (US\$, Mn), (2017-2022)

Table 39. PTC Therapeutics Corporate Summary

Table 40. PTC Therapeutics CDKL5 Deficiency Disorder (CDD) Product Offerings

Table 41. PTC Therapeutics CDKL5 Deficiency Disorder (CDD) Revenue (US\$, Mn), (2017-2022)

## List Of Figures

### LIST OF FIGURES

- Figure 1. CDKL5 Deficiency Disorder (CDD) Segment by Type in 2021
- Figure 2. CDKL5 Deficiency Disorder (CDD) Segment by Application in 2021
- Figure 3. Global CDKL5 Deficiency Disorder (CDD) Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global CDKL5 Deficiency Disorder (CDD) Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global CDKL5 Deficiency Disorder (CDD) Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by CDKL5 Deficiency Disorder (CDD) Revenue in 2021
- Figure 8. By Type - Global CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028
- Figure 9. By Application - Global CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028
- Figure 10. By Region - Global CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028
- Figure 11. By Country - North America CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028
- Figure 12. US CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028
- Figure 16. Germany CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 17. France CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028
- Figure 24. China CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 26. South Korea CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 27. Southeast Asia CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 28. India CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028

Figure 30. Brazil CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa CDKL5 Deficiency Disorder (CDD) Revenue Market Share, 2017-2028

Figure 33. Turkey CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE CDKL5 Deficiency Disorder (CDD) Revenue, (US\$, Mn), 2017-2028

Figure 37. Marinus Pharmaceuticals CDKL5 Deficiency Disorder (CDD) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. Ovid Therapeutics/Takeda CDKL5 Deficiency Disorder (CDD) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. Zogenix CDKL5 Deficiency Disorder (CDD) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. PTC Therapeutics CDKL5 Deficiency Disorder (CDD) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

## I would like to order

Product name: CDKL5 Deficiency Disorder (CDD) Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/C226AC99E640EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C226AC99E640EN.html>