

B6;129S6-Cd4^{tm1Knw}/J

Stock No: **002268** | CD4-

 Targeted Mutation

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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circulating T cells are CD8⁺. Homozygous mutant mice also show a Class II restricted deficit in helper T cell activity and other T cell responses.

Donating Investigator

Dr. Barbara Knowles, Institute of Medical Biology

GENETIC OVERVIEW

Genetic Background

Generation

Cd4^{tm1Knw}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Cd4

Gene Name

CD4 antigen

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

V I E W P R I C E L I S T

Details

Detailed Description

Mice homozygous for the $Cd4^{tm1Knw}$ targeted mutation have a significant block in $CD4^+$ T cell development; 90% of their circulating T cells are $CD8^+$. Homozygous mutant mice also show a Class II restricted deficit in helper T cell activity and other T cell responses.

Control Suggestions

Selected References

Genetics

$Cd4^{tm1Knw}$

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Citation

When using the CD4- mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002268 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)

Pricing & Availability



Cryo
Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Homozygous for Cd4<tm1Kmw>	\$2,854.50

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Q U E S T I O N S A B O U T T E R M S O F U S E

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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TOMORROW'S CURES



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