

129S.Cg-Crebbp<sup>tm1Jvd</sup>/J

Stock No: 025532

 Congenic, 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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### Donating Investigator

Paul K. Brindle, St. Jude Children's Research Hospital

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## GENETIC OVERVIEW

Genetic Background

Generation

*Crebbp*<sup>tm1Jvd</sup>

**Alele Type**

Targeted (Conditional ready (e.g. floxed), No functional change)

**Gene Symbol**

*Crebbp*

**Gene Name**

CREB binding protein

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

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

*Crebbp* (CREB binding protein, also known as CBP) is a protein acetyltransferase that is required for normal development and acts as a tumor suppressor. It interacts with a significant percentage of mammalian transcriptional regulatory proteins and mutations in the gene have been found in hematopoietic and epithelial tumors.

Exon 9 of the mouse *Crebbp* gene is flanked by loxP sites in this conditional mutant strain. Homozygous floxed mice are viable, fertile and have a normal lifespan. Cre-mediated excision of the floxed region results in a knockout allele, as confirmed by immunohistochemistry.

### Development

### Control Suggestions

### Selected References

## Genetics

### *Crebbp*<sup>tm1Jvd</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

- Technical Support

C O N T A C T   T E C H N I C A L   S U P P O R T

Genotyping Protocols

Standard PCR: [Crebbpalternate1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

Homozygous and heterozygous floxed mice are viable and fertile.

[Additional Breeding and Husbandry Support](#)

Citation

When using the 129S.Cg-Crebbp<sup>tm1Jvd</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #025532 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
<a href="#">Cryo Recovery</a>	Heterozygous for Crebbp<tm1Jvd>	\$2,854.50

RELATED PRODUCTS AND SERVICES

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Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

## THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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[General Terms and Conditions](#)

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

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#### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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