

**B6.129S6(SJL)-*Cbfb*<sup>tm1.1Ddg</sup> /J**  
Stock No: **028549** | *Cbfb*<sup>Flag</sup>

 Congenic, Targeted Mutation

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

PLACE ORDER

[Email](#) [Download PDF](#) [Help](#)

root ganglia (DRG) neurons at varying levels.

### Donating Investigator

David D. Ginty, Harvard Medical School

READ MORE +

## GENETIC OVERVIEW

Genetic Background

Generation

*Cbfb*<sup>tm1.1Ddg</sup>

Alele Type

Gene Symbol

Gene Name

Targeted (Not Applicable)

*Cbfb*

core binding factor beta

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

*Cbfb* (core binding factor beta) is an essential component of a complex with *Runx1* during nonpeptidergic nociceptor development.

The mouse *Cbfb* gene has been tagged with a single Flag epitope in this knock-in strain. Flag antibody specifically detects protein expression in nearly all dorsal root ganglia (DRG) neurons at varying levels. Homozygotes show no overt phenotype.

### Development

### Control Suggestions

### Selected References

## Genetics

### *Cbfb*<sup>tm1.1Ddg</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:[Cbfb Flag-Alternate 2](#)  
[Genotyping resources and troubleshooting](#)

Breeding Considerations

Heterozygous and homozygous mice are viable and fertile.

[Additional Breeding and Husbandry Support](#)  
Mating System  
Heterozygote x Heterozygote

Citation

When using the *Cbfb<sup>Flag</sup>* mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #028549 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



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

DomesticInternational

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Heterozygous or wildtype for <i>Cbfb</i> <tm1.1Ddg>	\$2,854.50

## RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.129S6(SJL)-Cfbf<tm1.1Ddg>/J Frozen Embryo

\$2595.00

## PAYMENT TERMS AND CONDITIONS

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.

### Terms Of Use

#### TERMS OF USE

[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

#### ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

#### LICENSING INFORMATION

Phone: 207-288-6470

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

### Related Strains

All

By Allele

By Gene

By Collection



## DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

LEARN MORE



CONTACT



DONATE



SUBSCRIBE

JAX HOME CAREERS LEGAL INFORMATION

RESEARCH CENTERS MOUSE GENOME INFORMATICS


MOUSE PHENOME DATABASE

*Leading the search for*

# TOMORROW'S CURES



©2021 THE JACKSON LABORATORY

Choose other country or region 

^ E E E D B

Did you find what you were looking for?

Yes  No