

**B6.129P2-Fas<sup>tm1Osa</sup>/J**

Stock No: **003233** | Fas-

 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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use in applications related to the study of apoptosis.

### Donating Investigator

Dr. Shigekazu Nagata, Osaka University Medical School, B-3

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## GENETIC OVERVIEW

Genetic Background

Generation

*Fas<sup>tm1Osa</sup>*

**Alele Type**

Targeted (Reporter,  
Null/Knockout)

**Gene Symbol**

*Fas*

**Gene Name**

Fas (TNF receptor superfamily member 6)

VIEW GENETICS

## RESEARCH APPLICATIONS

Hematological Research

Immunology, Inflammation and Autoimmunity Research

Internal/Organ Research

Apoptosis Research

Cancer 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 *Tnfrsf6*<sup>tm1Osa</sup> targeted mutation mice show hyperplasia in the liver in an age-dependent manner. Hepatocytes contain enlarged nuclei characteristic of senescent cells. Lymphadenopathy and splenomegaly in FAS deficient mice are evident at 8 weeks of age. The lymphnodes and spleen become progressively larger, becoming about 10 and 40 times larger than those of wildtype or heterozygotes at 16 weeks of age, respectively.

#### Expression Data

#### Control Suggestions

#### Selected References

### Genetics

#### *Fas*<sup>tm1Osa</sup>

### Disease/Phenotype

#### Disease Terms

#### Research Areas By Phenotype

## + Mammalian Phenotype Terms by Genotype

## + References

## - 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

Separated PCR:[Fas-Alternate 2](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

Homozygotes are viable and fertile. When maintaining a live colony, homozygous mice may be bred together. The expected coat color from breeding is black.

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the Fas- mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003233 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 or wildtype for Fas<sup>tm1Osa</sup>	\$2,854.50

## RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.129P2-Fas<sup>tm1Osa</sup>/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

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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](mailto:TechTran@jax.org)

### Related Strains

All

By Allele

By Gene

By Collection



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