The Jackson Laboratory

MRL.129P2(B6)-*Fas* ^{tm1Osa}/J

Stock No: **003234** | Fas-

Congenic, Targeted Mutation

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

PLACE ORDER

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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
000486 MRL/MpJ	

Fas^{tm1Osa}

Allele Type	Gene Symbol	Gene Name
Targeted (Reporter, Null/Knockout)	*Fas*	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 APPLICATIO

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Mice homozygous for the *Tnfrsf6*^{tm1Osa} 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.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Fas^{tm1Osa}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:Fas
Genotyping resources and troubleshooting

Breeding Considerations

Homozygotes are viable and fertile. When maintaining a live colony, homozygous mice may be bred together.

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 #003234 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	Heterozygous or Wild-type for Fas<tm1Osa>	$2,854.50

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

QUESTIONS ABOUT TERMS OF USE

LICENSING INFORMATION

Phone: 207-288-6470
Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection