

NOD.C3(B6)-*Fasl*^{gld} /LwnJ

Stock No: 008223 | NOD.gld

 Congenic, Spontaneous Mutation

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

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It has been reported that this model displays an accelerated Lupus phenotype compared to the C57BL/6 congenic background. This model is useful for studying apoptosis of lymphocytes, particularly T cells, and Lupus.

Donating Investigator

Li Wen, Yale School of Medicine

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GENETIC OVERVIEW

Genetic Background

Generation

001976 NOD/ShiLtJ

Fasl^{gld}

Allele Type

Gene Symbol

Gene Name

Spontaneous

Fasl

Fas ligand (TNF superfamily, member 6)

VIEW GENETICS

RESEARCH APPLICATIONS

Apoptosis Research

Cancer Research

Mouse/Human Gene Homologs

Cell Biology Research

Immunology, Inflammation and Autoimmunity Research

Diabetes and Obesity Research

Hematological 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

NOD congenic mice homozygous for the *Fas^{gld}* spontaneous mutation are viable and fertile. The donating investigator reports that homozygous males and females develop lymphadenopathy and systemic autoimmunity beginning at 8 weeks of age, but do not develop diabetes. The Lupus phenotype is accelerated in this strain when compared to the B6-*Fas^{gld}* strain. This mutant strain may be useful in the studies of apoptosis of lymphocytes, particularly T cells, and in studies of Lupus.

In an attempt to offer alleles on well-characterized or multiple genetic backgrounds, alleles are frequently moved to a genetic background different from that on which an allele was first characterized.. It should be noted that the phenotype could vary from that originally described. We will modify the strain description if necessary as published results become available.

Development

Control Suggestions

Genetics

Fas^{gld}

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

Restriction Enzyme Digest: [FasI](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the NOD.gld mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #008223 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 for Fas<gld>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

NOD.C3(B6)-Fasl<gld>/LwnJ 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

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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

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

Related Strains

All

By Allele

By Gene

By Collection



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