

NOD.129P2(B6)-*Il2*^{tm1Hor}/DvsJ

Stock No: 002573 | Il-2 KO

 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

Dr. David Serreze, The Jackson Laboratory

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GENETIC OVERVIEW

Genetic Background

Generation

Il2^{tm1Hor}

Alele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout)

Il2

interleukin 2

VIEW GENETICS

RESEARCH APPLICATIONS

Cancer Research

Hematological Research

Immunology, Inflammation and Autoimmunity Research

Diabetes and Obesity Research

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

Heterozygotes and homozygotes have accelerated diabetes onset, compared with NOD controls, with homozygotes dying by 5 to 7 weeks of age and heterozygotes having an average lifespan of approximately 100 days. Treatment with complete Freund's adjuvant can delay disease onset and extend lifespan to permit homozygotes to reproduce.

Development

Selected References

Genetics

I12^{tm1Hor}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

Standard PCR:[I|2](#)

Separated PCR:[I|2](#)

Separated MCA:[I|2](#)

Standard PCR:[I|2](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

Use of Complete Freund's Adjuvant in NOD mice can be found in [Current Protocols in Immunology](#) page 15.9.19, Reproduction.

[Additional Breeding and Husbandry Support](#)

Appearance

albino, pink eyed

Related Genotype: *A/A Tyr^c/Tyr^c*

Citation

When using the I|2 KO mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002573 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 Homozygous or Wild-type for I 2<tm1Hor>, 1 pair minimum	\$2,854.50

Payment Terms and Conditions

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Licensing Information

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