



B 6 . 1 2 9 / *Igh-J^{tm1Cgn}* / J

Stock No: 002438 | J_HT

Congenic, Targeted Mutation



CRYO RECOVERY

PLACE ORDER

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

Overview

Also Known As: J_HT

Mice homozygous for the *Igh-J^{tm1Cgn}* targeted mutation fail to produce functional B-cells as they lack the gene for the heavy chain joining region. Also known as J_HT.

Donating Investigator

Klaus Rajewsky, Max Delbrück Centre for Molecular Medicine

GENETIC OVERVIEW

Genetic Background

Generation

Igh-J^{tm1Cgn}

Allele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout,
Modified regulatory region)

Igh-J

immunoglobulin heavy chain, joining region

V I E W G E N E T I C S

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research

Research Tools

V I E W A L L R E S E A R C H A P P L I C A T I O N S

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 *Igh-J^{tm1Cgn}* targeted mutation fail to produce functional B-cells as they lack the gene for the heavy chain joining region. Also known as J_HT.

Control Suggestions

Selected References

Genetics

Igh-J^{tm1Cgn}

– Disease/Phenotype

+ Disease Terms

+ Research Areas By Genotype

+ Mammalian Phenotype Terms by Genotype

+ References

– Technical Support

T E C H N I C A L S P P O R T C H A T

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: [Igh-J^{tm1Cgn}](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

This strain is maintained by homozygous sibling matings. Expected coat color from breeding: Black

[Additional Breeding and Husbandry Support](#)

Appearance

black

Related Genotype: *a/a*

Citation

When using the J^{tm1Cgn} mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002438 in your

Materials and Methods section

[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 | GENOTYPE | PRICE |
|---------------|--|------------|
| Cryo Recovery | Homozygous for Igh-J<tm1Cgn>, 1 pair minimum | \$2,854.50 |

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a [Dedicated Supply](#) for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

Related Products and Services

| | | |
|-------------------------------------|---|-----------|
| Frozen Mouse Embryo | B6.129P2-Igh-J<tm1Cgn>/J Frozen Embryos | \$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.

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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

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[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

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