



B 6 . 1 2 9 ~~H b b - b 1~~ ^{tm1Uc} ~~H b b - b 2~~ ^{tm1Unc} J

Stock No: 002683 | β^0 -thalassemia

Congenic, Targeted Mutation



CRYO RECOVERY

P L A C E O R D E R

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

Overview

Also Known As: β^0 -thalassemia

In these mice, both hemoglobin chain genes, *Hbb-b1* and *Hbb-b2* are knocked out.

Donating Investigator

Dr. Oliver Smithies, University of North Carolina at Chapel Hill

READ MORE +

GENETIC OVERVIEW

Genetic Background Generation

000664 C57BL/6J

Hbb-b2^{tm1Unc}

| Allele Type | Gene Symbol | Gene Name |
|--------------------------|---------------|------------------------------------|
| Targeted (Null/Knockout) | <i>Hbb-b2</i> | hemoglobin, beta adult minor chain |

Hbb-b1^{tm1Unc}

| Allele Type | Gene Symbol | Gene Name |
|--------------------------|---------------|------------------------------------|
| Targeted (Null/Knockout) | <i>Hbb-b1</i> | hemoglobin, beta adult major chain |

VIEW GENETICS

RESEARCH APPLICATIONS

Hematological Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

⊖ Detailed Description

Homozygous mice die perinatally. Heterozygous mice show "characteristics typical of severe thalassemia" and are fertile.

+ Control Suggestions

+ Selected References

⊖ Genetics

+ *Hbb-b2^{tm1Unc}*

+ *Hbb-b1^{tm1Unc}*

⊖ Disease/Phenotype

+ Disease Terms

+ Research Areas By Genotype

+ Mammalian Phenotype Terms by Genotype

+ References

⊖ Technical Support

C H A T O  F L I N E

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

Standard PCR: [Generic HPRT_Alternative](#)

Separated PCR: [Hprt](#)

Separated PCR: [Hprt](#)

Probe: [Generic HPRT Probe](#)

QPCR: [Generic HPRT Probe](#)

[Genotyping resources and troubleshooting](#)

Appearance

black

Related Genotype: *a/a*

Citation

When using the ⁰ thalassemia mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002683 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 | Heterozygous or wildtype for Hbb-b2<tm1Unc> | \$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-Hbb-b1<tm1Unc> Hbb-b2<tm1Unc>/J Frozen Embryo | \$2595.00 |
|---------------------|--|-----------|

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➔ Terms Of Use

Terms of Use

[General Terms and Conditions](#)

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Licensing Information

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