

B6.129P2-*Hbb*^{tm1Unc}/J
Stock No: **002204** | *Hbb*^{th2}

 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. Oliver Smithies, University of North Carolina at Chapel Hill

GENETIC OVERVIEW

Genetic Background	Generation
000664 C57BL/6J	

Hbb^{tm1Unc}

Alele Type	Gene Symbol	Gene Name
Targeted (Null/Knockout)	<i>Hbb</i>	hemoglobin beta chain complex

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

RESEARCH APPLICATIONS

Hematological Research
Mouse/Human Gene Homologs

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:

V I E W P R I C E L I S T

Details

Detailed Description

Mice homozygous for this mutation die perinatally due to severe anemia.

Control Suggestions

Selected References

Genetics

Hbb^{tm1Unc}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

Standard PCR: [Generic Neo](#)

Probe: [Generic Neo](#)

[Genotyping resources and troubleshooting](#)

Appearance

white-bellied agouti

Related Genotype: A^W/A^W

Citation

When using the Hbb^{th2} mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002204 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 Hbb<tm1Unc>	\$2,854.50

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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.

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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

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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All

By Allele

By Gene

By Collection





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