

B6.129P2-*Htt*^{tm2Detl}/365J

Stock No: **021193**

 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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may be useful in studies related to Huntington's disease.

Donating Investigator

Dr. Peter J Detloff, University of Alabama at Birmingham

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GENETIC OVERVIEW

Genetic Background

Generation

Htt^{tm2Detl}

Alele Type

Gene Symbol

Gene Name

Targeted

Htt

huntingtin

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

Mouse/Human Gene Homologs

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

[VIEW PRICE LIST](#)

Details

Detailed Description

These HdhQ365 mice have yet to be fully characterized, but are expected to develop progressive neurological dysfunction by 1 year of age coincident with polyglutamine containing nuclear inclusions mostly in the striatal brain area. Heterozygote X heterozygote crosses fail to yield any homozygous progeny.

This strain is one of a set of different CAG/polyQ repeat length mutants derived from HdhQ150 (STOCK no. [004595](#)). The set includes, STOCK numbers: [016521](#), [016522](#), [016523](#), [016524](#), [016525](#), [021193](#).

Development

Control Suggestions

Genetics

Htt^{tm2Det1}

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

Standard PCR:[Laragen](#)

Standard PCR:[Htt repeat sizing](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, breeding C57BL/6J females with heterozygous males is suggested to help stabilize the CAG/polyQ repeat segment length. Heterozygote X heterozygote crosses fail to yield any homozygous progeny. The mice must be monitored for CAG/polyQ repeat length due to the instability of the repeat segment.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.129P2-*Htt^{tm2Detl}*/365J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #021193 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 wildtype for Htt<tm2Detl>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.129P2-Htt^{tm2Det}/365J

\$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

TERMS OF USE

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QUESTIONS ABOUT TERMS OF USE

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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