

B6.129P2-*Htip2*^{tm1Hx}/J

Stock No: **018766**

 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

Hua Xiao, Michigan State University

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GENETIC OVERVIEW

Genetic Background

Generation

Htip2^{tm1Hx}

Alele Type

Targeted (Reporter,
Null/Knockout)

Gene Symbol

Htip2

Gene Name

HIV-1 Tat interactive protein 2

VIEW GENETICS

RESEARCH APPLICATIONS

Cancer Research

Apoptosis Research

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

The coding sequence of the HIV-1 tat interactive protein 2 (*Htati2* or *Tip30*) gene was replaced with a β -galactosidase (*lacZ*) sequence and a neomycin resistance (*neo*) cassette, abolishing gene expression. Tip30 is a metastasis suppressor which promotes apoptosis and inhibits angiogenesis. Deleting Tip30 leads to ductal hyperplasia in mammary glands early in life and extensive mammary hyperplasia with age. These mice exhibit an increase in carcinoma and sarcoma development in a variety of tissues including retroperitoneum, liver, spleen, pancreas, and gut. Homozygous mice are viable and fertile.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Htati2^{tm1Hx}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

– 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

Separated PCR:[Htati2](#)

Standard PCR:[Htati2](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, homozygous mice may be bred together.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.129P2-*Htati2*^{tm1Hx}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #018766 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 for | \$2,854.50 |

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.129P2-Htatip2<tm1Hx>/J Frozen Embryo

\$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.

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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

Related Strains

All

By Allele

By Gene

By Collection



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