



B 6 ; 1 2 9 NSt2^{tm1bd} / J

Stock No: 002480 | *trk*^{TK}

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: *trk*^{TK}

Mice homozygous for the *Ntrk1*^{tm1} targeted mutation (commonly referred to as *trkA*) die by 2-3 weeks of age. Homozygous mutant mice show a complete lack of both nociceptive and superior cervical ganglion neurons.

Donating Investigator

Dr. Mariano Barbacid, Centro Nacional de Investigaciones Oncol

GENETIC OVERVIEW

Genetic Background

Generation

Ntrk1^{tm1Bbd}

Allele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout)

Ntrk1

neurotrophic tyrosine kinase, receptor, type 1

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

RESEARCH APPLICATIONS

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 *Ntrk1^{tm1}* targeted mutation (commonly referred to as *trkA*) die by 2-3 weeks of age. Homozygous mutant mice show a complete lack of both nociceptive and superior cervical ganglion neurons.

Development

Control Suggestions

Selected References

Genetics

Ntrk1^{tm1Bbd}

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

Separated PCR: [Ntrk1^{tm1Bbd}](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, this mutant can be maintained by mating heterozygous siblings or by mating heterozygous mice with normal wildtype siblings. Homozygous mice die by 2-3 weeks of age.

[Additional Breeding and Husbandry Support](#)

Citation

When using the [trk^{TK}](#) mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002480 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	GENOTYPE	PRICE
Cryo Recovery	Heterozygous or Wild-type for Ntrk1<tm1Bbd>	\$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.

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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[General Terms and Conditions](#)

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By Allele

By Gene

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