

STOCK Tg(Neurog1-cre)1Jejo/J

Stock No: 012859

 Transgenic

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

Jane E Johnson, University of Texas Southwestern

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(Neurog1-cre)1Jejo

Allele Type

Transgenic (Recombinase-expressing)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Neurobiology 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

These transgenic mice express Cre recombinase under the control of the mouse *Neurog1*, neurogenin, promoter. When crossed with a reporter strain, cre activity mimics the endogenous gene expression patterns. in specific populations of interneurons and some motor neurons in the neural tube between embryonic days 10-13. Also, Cre recombination occurs in *Neurog1* lineages that include subpopulations of neurons in the olfactory bulb, hippocampus, cortex, thalamus, midbrain, cerebellum, and dorsal root and cranial ganglia. It is not known if homozygotes are viable. Mice hemizygous for the transgenic insert are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(Neurog1-cre)1Jejo

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

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, transgenic carrier mice may be bred with wildtype (noncarrier) mice from the colony. The Donating Investigator has not attempted to make the strain homozygous.

[Additional Breeding and Husbandry Support](#)

Citation

When using the STOCK Tg(Neurog1-cre)1Jejo/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #012859 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 | Hemizygous or Non carrier for Tg(Neurog1-cre)1Jejo | \$2,854.50 |

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

STOCK Tg(Neurog1-cre)1Jejo/J

\$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

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[General Terms and Conditions](#)

Q U E S T I O N S A B O U T T E R M S O F U S E

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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TOMORROW'S CURES



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Yes No