



# B 6 . F V B ( C g ) - T g ( N e u r o g 3 - c r e ) C 1 A b l e /

Stock No: 006333 | Ngn3-Cre

 Congenic, Transgenic



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.

## Also Known As: Ngn3-Cre

Cre expression in these mice is observed in islets of the adult pancreas, small intestine enteroendocrine cells, endocrine portions of the stomach, all pancreatic endocrine cells, and in some non-endocrine intestinal cells. When bred with a mouse containing a *loxP* site-flanked sequence of interest, Cre-mediated recombination results in deletion of the flanked gene in the tissues that normally express neurogenin 3.

### Donating Investigator

IMR Colony, The Jackson Laboratory

[READ MORE +](#)

## GENETIC OVERVIEW

Genetic Background      Generation

### Tg(Neurog3-cre)C1Able

Allele Type

Transgenic (Recombinase-expressing)

[VIEW GENETICS](#)

## RESEARCH APPLICATIONS

Research Tools

Endocrine Deficiency Research

[VIEW ALL RESEARCH APPLICATIONS](#)

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

[VIEW PRICE LIST](#)

### [- Details](#)

#### [- Detailed Description](#)

Mice hemizygous for the transgenic insert are viable, fertile, normal in size, and do not display any gross physical or behavioral abnormalities. Expression of the transgene is directed by a neurogenin 3 promoter. Tissues where Cre recombinase expression is detected include the small intestine (base of intestinal crypts) and fetal pancreatic epithelial cells. Cre activity has been shown in

islets of the adult pancreas, small intestine enteroendocrine cells, endocrine portions of the stomach, all pancreatic endocrine cells, and in some non-endocrine intestinal cells. When bred with a mouse containing a *loxP* site-flanked sequence of interest, Cre-mediated recombination results in deletion of the flanked gene in the tissues that normally express neurogenin 3.

*In an attempt to offer alleles on well-characterized or multiple genetic backgrounds, alleles are frequently moved to a genetic background different from that on which an allele was first characterized. It should be noted that the phenotype could vary from that originally described. We will modify the strain description if necessary as published results become available.*

## + Development

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## + Expression Data

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## + Control Suggestions

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## + Selected References

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## - Genetics

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## + Tg(Neurog3-cre)C1Able

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## - Disease/Phenotype

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## + Disease Terms

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## + Research Areas By Genotype

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## + Mammalian Phenotype Terms by Genotype

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## + References

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## - 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

Standard PCR: [Generic Cre](#)

[Genotyping resources and troubleshooting](#)

## Breeding Considerations

When maintaining a live colony, these mice are maintained as hemizygotes.

[Additional Breeding and Husbandry Support](#)

## Citation

When using the Non-Cre mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006333 in your Materials and Methods section.

[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	Hemizygous or Non carrierfor -Tg(Neurog3-cre)C1Able	\$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.

### Related Products and Services

Frozen Mouse Embryo	B6.FVB(Cg)-Tg(Neurog3-cre)C1Able/J Frozen Embryo	\$2595.00
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## 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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## Terms of Use

[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

## Licensing Information

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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## ☰ Related Strains

All

By Allele

By Gene

By Collection

All Related Strains



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