

C57BL/6-Tg(THY1-SNCA)1Sud/J

Stock No: 008389 | LHS

 Coisogenic, Transgenic

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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and fertile and unlike some similar mutant transgenic lines, do not display any Parkinson-like phenotype upon aging.

Donating Investigator

Dr. Thomas C. Sudhof, Stanford University School of Medicine

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(THY1-SNCA)1Sud

Alele Type

Transgenic (Inserted expressed sequence, Humanized sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

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

This transgenic strain carries a human THY1 promoter driving expression of the human synuclein, alpha (SNCA) gene. Levels of expression show a 5-fold increase in the brain and a 10-fold increase in the spinal cord. Hemizygotes are viable and fertile and unlike some similar mutant transgenic lines, do not display any Parkinson-like phenotype upon aging.

Development

Expression Data

Selected References

Genetics

Tg(THY1-SNCA)1Sud

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Tg\(THY1-SNCA\)1Sud](#)

Standard PCR:[Smn1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintained as a live colony, hemizygotes may be bred. It is not known whether homozygotes are viable or fertile.

[Additional Breeding and Husbandry Support](#)

Citation

When using the LHS mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #008389 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(THY1-SNCA)1Sud	\$2,854.50

Related Products and Services

Frozen Mouse Embryo	C57BL/6-Tg(THY1-SNCA)1Sud/J Frozen Embryo	\$2595.00
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Email: TechTran@jax.org

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