

B6.Cg-Tg(THY1-SNCA*A30P)TS2Sud/J

Stock No: 012265 | TS2, UTSD#1910

 Congenic, Transgenic

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

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associated with the formation of insoluble alpha synuclein aggregates. This strain may be useful in studies of Parkinson's disease.

Donating Investigator

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

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(THY1-SNCA*A30P)TS2Sud

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

The A30P mutation in this transgenic strain is associated with the development of familial Parkinson's disease. The onset of hind limb mobility problems occurs around 12 months of age (sometimes earlier), induced by a loss of motor neurons and associated with the formation of insoluble alpha synuclein aggregates. This strain may be useful in studies of Parkinson's disease. Hemizygous mice are viable and fertile.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(THY1-SNCA*A30P)TS2Sud

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR: [Tg\(THY1-SNCA*A30P\)TS2Sud](#)
[Genotyping resources and troubleshooting](#)

Breeding Considerations

Mutant mice were bred to C57BL/6J inbred mice (Stock No. [000664](#)) for several generations using a marker-assisted, speed congenic approach to generate this congenic strain. When maintaining the live congenic colony, hemizygotes may be bred with wildtype (noncarrier) or C57BL/6J inbred mice.

[Additional Breeding and Husbandry Support](#)

Citation

When using the TS2, UTSD#1910 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #012265 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*A30P)TS2Sud	\$2,854.50

Related Products and Services

Frozen Mouse Embryo	B6.Cg-Tg(THY1-SNCA*A30P)TS2Sud/J Frozen Embryo	\$2595.00
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