

B6N.Cg-Tg(Prnp-MAPT*P301S)PS19Vle/J

Stock No: 024841

 Congenic, Transgenic

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

PLACE ORDER

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These mice are useful in studying neurofibrillary tangles, neurodegenerative tauopathy and Alzheimer's disease.

Donating Investigator

Virginia M Lee, University of Pennsylvania

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Tg(Prnp-MAPT*P301S)PS19Vle

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

+ Development

+ Expression Data

+ Control Suggestions

+ Selected References

Genetics

+ Tg(Prnp-MAPT*P301S)PS19Vle

Disease/Phenotype

+ Disease Terms

+ Research Areas By Phenotype

+ Mammalian Phenotype Terms by Genotype

+ References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR: [Tg\(Prnp-MAPT*P301S\)PS19Vle alternate2](#)

Standard PCR: [Tg\(Prnp-MAPT*P301S\)PS19Vle alternate2](#)

Standard PCR: [Tg\(Prnp-MAPT*P301S\)PS19Vle-Chr3](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, hemizygous mice may be bred together, to wildtype siblings, or to C57BL/6NJ inbred mice (Stock No. [005304](#)).

It should be noted that homozygous females fail to mate successfully.

[Additional Breeding and Husbandry Support](#)

Mating System

Noncarrier x Hemizygote

Hemizygote x Noncarrier

Citation

When using the B6N.Cg-Tg(Prnp-MAPT*P301S)PS19Vle/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #024841 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(Prnp-MAPT*P301S)PS19Vle/	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6N.Cg-Tg(Prnp-MAPT*P301S)PS19Vle/J	\$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.

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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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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Rely on JAX to provide the models you need, when you need them.

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MOUSE PHENOME DATABASE

Leading the search for

TOMORROW'S CURES



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Yes No