

B6;129P2-Gt(ROSA)26Sor^{tm4Mom}/MomJ

Stock No: **018670**

 Targeted Mutation

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

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determined by the cre promoter.

Donating Investigator

Peter Mombaerts, Max Planck Research Unit for Neurogenetics

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GENETIC OVERVIEW

Genetic Background

Generation

Gt(ROSA)26Sor^{tm4Mom}

Alele Type

Targeted (Conditional ready (e.g. floxed), Reporter, No functional change)

Gene Symbol

Gt(ROSA)26Sor

Gene Name

gene trap ROSA 26, Philippe Soriano

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

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

A construct was inserted between exons 1 and 2 of the *Gt(ROSA)26Sor* locus that encodes the CAG promoter followed by a loxP flanked B-geo-STOP cassette followed by a loxN site then a Tau-mTurquoise sequence and woodchuck hepatitis post-transcriptional regulatory element (WPRE) followed by a lox2272 then a loxN site followed by a Tau-tdTomato sequence a WPRE and lox2272 site. cre-mediated excision deletes the B-geo-STOP cassette and either the Tau-mTurquoise, thereby resulting in expression of the remaining Tau-tdTomato, or the Tau-tdTomato, thereby resulting in the expression of Tau-mTurquoise. This allele can thus be cre-induced to generate stochastic expression of either Tau-Turquoise or Tau-tdTomato in the cell type determined by the cre promoter.

Development

Expression Data

Selected References

Genetics

Gt(ROSA)26Sor^{tm4Mom}

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

Separated PCR: [Gt\(ROSA\)26Sor](#)

Separated PCR: [Gt\(ROSA\)26Sor](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the B6;129P2-Gt(ROSA)26Sor^{tm4Mom}/MomJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #018670 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	Heterozygous or wildtype for Gt(ROSA)26Sor<tm4Mom>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6;129P2-Gt(ROSA)26Sor<tm4Mom>/MomJ	\$2595.00
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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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By Collection



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