

B6.Cg-Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae} /J

Stock No: **006965** | R26-M2rtTA knock-in

 Congenic, Targeted Mutation

Live mice available in varying quantities. Ask Customer Service for details.

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O (tet-on/TRE) models.

Donating Investigator

Rudolf Jaenisch, Whitehead Institute, Massachusetts Institute of Technology

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GENETIC OVERVIEW

Genetic Background

Generation

N11F6

(2020-03-19 00:00:00)

*Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae}*

Alele Type

Targeted (Transactivator)

Gene Symbol

Gt(ROSA)26Sor

Gene Name

gene trap ROSA 26, Philippe Soriano

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

Research Tools

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$236.78 Domestic price for female 4-week

V I E W P R I C E L I S T

Details

Detailed Description

Homozygotes are viable, fertile, normal in size and do not display any behavioral abnormalities. These targeted mutant mice have widespread expression of an optimized form of reverse tetracycline-controlled transactivator (rtTA-M2) protein. This R26-M2rtTA strain may be useful for doxycycline-inducible studies which utilize rtTA/tet-O (tet-on/TRE) models.

Development

Expression Data

Control Suggestions

Selected References

Genetics

$Gt(ROSA)26Sor^{tm1(rtTA^*M2)Jae}$

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Probe: [Gt\(rosa\)26sor Probe](#)

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

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

When maintaining a live colony, homozygous mice may be bred together.

[Additional Breeding and Husbandry Support](#)

Mating System

Homozygote x Homozygote

Citation

When using the R26-M2rtTA knock-in mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006965 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX10 \(Standard\)](#)

Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE			
AGE	SEX	GENOTYPE	PRICE
4 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA*<i>M2</i>)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA*<i>M2</i>)Jae}	\$236.78
5 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA*<i>M2</i>)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA*<i>M2</i>)Jae}	\$236.78
6 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA*<i>M2</i>)Jae}	\$236.78

	SEX	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
7 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
8 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
9 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
10 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
11 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
12 weeks	Female	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78
	Male	Homozygous for Gt(ROSA)26Sor ^{tm1(rtTA[*]M2)Jae}	\$236.78

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.Cg-Gt(ROSA)26Sor<tm1(rtTA^{*}M2)Jae>/J

\$2595.00

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