

**STOCK *Rims2*<sup>tm1.1Sud</sup> /J**Stock No: **015833** | R2F-RIM2 alpha/beta/gamma floxed; RIM2 f/f Targeted Mutation

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

[PLACE ORDER](#)[Email](#) [Download PDF](#) [Help](#)and  $\gamma$  isoforms of the gene and may be useful in studies of synaptic neurotransmission.**Donating Investigator**

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

[READ MORE +](#)**GENETIC OVERVIEW****Genetic Background****Generation***Rims2*<sup>tm1.1Sud</sup>**Alele Type**

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

**Gene Symbol***Rims2***Gene Name**

regulating synaptic membrane exocytosis 2

[VIEW GENETICS](#)**RESEARCH APPLICATIONS**

Research Tools

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

These mice possess *loxP* sites on either side of exon 26 in the *Rims2* (regulating synaptic membrane exocytosis 2) gene. An in-frame ECFP-tetracysteine tag is fused to the floxed exon, enabling immunofluorescent detection. Mice that are homozygous for this floxed allele are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific expression of the  $\alpha$ ,  $\beta$ , and  $\gamma$  isoforms of the gene.

#### Development

#### Control Suggestions

#### Selected References

### Genetics

#### *Rims2*<sup>tm1.1Sud</sup>

### Disease/Phenotype

#### Disease Terms

#### Research Areas By Phenotype

#### Mammalian Phenotype Terms by Genotype

- 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

Standard PCR:[Rims2](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintained as a live colony, homozygotes or heterozygotes may be bred.

[Additional Breeding and Husbandry Support](#)

Citation

When using the R2F-RIM2 alpha/beta/gamma floxed; RIM2 f/f mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #015833 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
<a href="#">Cryo Recovery</a>	Heterozygous for <a href="#">Rims2</a> <tm1.1Sud>	\$2,854.50

RELATED PRODUCTS AND SERVICES

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## Terms Of Use

### TERMS OF USE

[General Terms and Conditions](#)

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](mailto:TechTran@jax.org)

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All

By Allele

By Gene

By Collection



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