

129S-Prkn^{tm1Rpa}/J

Stock No: **007587**

 **Coisogenic, 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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Donating Investigator

Dr. Richard Palmiter, University of Washington

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GENETIC OVERVIEW

Genetic Background

Generation

Prkn^{tm1Rpa}

Allele Type

Targeted (Null/Knockout)

Gene Symbol

Prkn

Gene Name

parkin RBR E3 ubiquitin protein ligase

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

VIEW ALL RESEARCH APPLICATION

BASE PRICE

Starting at:

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

- Details

- Detailed Description

Mice carrying this mutation are viable, fertile, and display no apparent defects or abnormalities. Mutations in the human homolog of this gene are associated with autosomal juvenile parkinsonism, a heritable form of Parkinson's disease.

+ Development

+ Control Suggestions

+ Selected References

- Genetics

+ *Prkn*^{tm1Rpa}

- Disease/Phenotype

+ Disease Terms

+ Research Areas By Phenotype

+ Mammalian Phenotype Terms by Genotype

+ References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, these mice may be bred as homozygotes.

[Additional Breeding and Husbandry Support](#)

Citation

When using the 129S-Prkn^{tm1Rpa}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007587 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 for Park2<tm1Rpa> | \$2,854.50 |

RELATED PRODUCTS AND SERVICES

| | | |
|-------------------------------------|-----------------------------------|-----------|
| Frozen Mouse Embryo | 129S-Prkn<tm1Rpa>/J Frozen Embryo | \$2595.00 |
|-------------------------------------|-----------------------------------|-----------|

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](#)

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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Leading the search for

TOMORROW'S CURES



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