

**B6.129P2-*Isg15*<sup>tm1Kpk</sup>/J**

Stock No: **010486**

 Congenic, 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

Klaus-Peter Knobeloch, University Freiburg

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## GENETIC OVERVIEW

Genetic Background

Generation

*Isg15*<sup>tm1Kpk</sup>

Alele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout)

*Isg15*

ISG15 ubiquitin-like modifier

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

Immunology, Inflammation and Autoimmunity Research

Virology 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

Mice homozygous for this allele are viable and fertile and possess a *loxP* site flanked neomycin resistance cassette disrupting exon 2 of the targeted gene. Composition of the major cell populations of the immune system in spleen, bone marrow, lymph nodes and thymus is not affected by the mutation. Homozygous mice have an increased susceptibility to influenza A/B, HSV-1 and Sinbis virus, however, response to VSV and LCMV is unaltered from control mice. These mice may be useful in studying interferon-induced antiviral responses and differing susceptibilities to viral infection.

#### + Development

#### + Control Suggestions

#### + Selected References

### - Genetics

#### + *Isg15<sup>tm1Kpk</sup>*

### - Disease/Phenotype

#### + Disease Terms

#### + Research Areas By Phenotype

#### + Mammalian Phenotype Terms by Genotype

#### + References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

Standard PCR: [lsg15](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the B6.129P2-*lsg15*<sup>tm1Kpk</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #010486 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 <i>sg15</i> <tm1Kpk>	\$2,854.50

#### Related Products and Services

<a href="#">Frozen Mouse Embryo</a>	B6.129P2- <i>lsg15</i> <tm1Kpk>/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.

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### Terms Of Use

[General Terms and Conditions](#)

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### Licensing Information

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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