

B6.Cg-*Ikbke*^{tm1Tman}/J

Stock No: **006908**

 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

Tom Maniatis, Columbia University College of Physicians and Surgeons

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GENETIC OVERVIEW

Genetic Background

Generation

Ikbke^{tm1Tman}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Ikbke

Gene Name

inhibitor of kappaB kinase epsilon

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research

Cell Biology Research

Cancer Research

Virology Research

Hematological Research

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

Homozygous IKKepsilon mutant mice are viable and fertile. Homozygous deletion results in a complete loss of the endogenous kinase function in lung, spleen, and embryonic fibroblasts. These mice have increased susceptibility to viral infection due to defective interferon (IFN) signaling. These IKKepsilon mutant mice may be useful in immunological studies involving IFN signaling and host responses to infection.

Development

Control Suggestions

Selected References

Genetics

Ikkε^{tm1Tman}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Separated PCR:[lkbke](#)

[Genotyping resources and troubleshooting](#)

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 B6.Cg-*lkbke*^{tm1Tman}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006908 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 <i>lkbke</i> <tm1Tman> | \$2,854.50 |

Related Products and Services

| | | |
|-------------------------------------|---|-----------|
| Frozen Mouse Embryo | B6.Cg- <i>lkbke</i> <tm1Tman>/J Frozen Embryo | \$2595.00 |
|-------------------------------------|---|-----------|

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Licensing Information

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