

B6(Cg)-Tlr4^{tm1.1Karp}/J
Stock No: **024872** | Tlr4^{fl}

 Targeted Mutation

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

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conditional mutations in applications related to the study of innate immune responses.

Donating Investigator

Christopher Karp, Bill & Melinda Gates Foundation

Donald N. Cook, NIH/NIEHS

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GENETIC OVERVIEW

Genetic Background

Generation

?+pN1F13
(2021-03-31 00:00:00)

Tlr4^{tm1.1Karp}

Alele Type

Targeted (Conditional ready
(e.g. floxed))

Gene Symbol

Tlr4

Gene Name

toll-like receptor 4

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Immunology, Inflammation and Autoimmunity Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$255.00 Domestic price for female 4-week

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

Details

Detailed Description

The *Tlr4*, toll-like receptor 4, gene encodes a protein that has a critical role in pathogen recognition and activation of the innate immune system.

These mice possess *loxP* sites on either side of exon 3 of the targeted *Tlr4* gene. Mice that are homozygous for this allele are viable and fertile. When these mutant mice are bred to mice that express Cre recombinase, resulting offspring will have exon 3 deleted in the *cre*-expressing tissues.

Development

Control Suggestions

Genetics

Tlr4^{tm1.1Karp}

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: [Tlr4](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

Mating System

Homozygote x Homozygote

Citation

When using the Tlr4^{fl} mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #024872 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX11 \(Maximum\)](#)

- 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 Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
5 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00

	SEX	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
6 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
7 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
8 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
9 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
10 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
11 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
12 weeks	Female	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00
	Male	Homozygous for Tlr4 ^{tm1.1Karp}	\$255.00

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

[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

Related Strains

All

By Allele

By Gene

By Collection



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TOMORROW'S CURES



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Yes No