Also Known As: CD8 KO
Mice homozygous for the \( Cd8a^{tm1Mak} \) targeted mutation are deficient in functional cytotoxic T-cells; however, helper T-cell development and function is comparable to normal.

Donating Investigator
Dr. Tak Mak, University Health Network/Un of Toronto
RESEARCH APPLICATIONS
Immunology, Inflammation and Autoimmunity Research

BASE PRICE
Starting at:
$188.00 Domestic price for female 4-week

Details

Detailed Description
Mice homozygous for the $Cd8a^{tm1Mak}$ targeted mutation are deficient in functional cytotoxic T-cells; however, helper T-cell development and function is comparable to normal.

Development

Control Suggestions

Selected References

Genetics

$Cd8a^{tm1Mak}$
Genotyping Protocols
Standard PCR: Cd8a
Genotyping resources and troubleshooting
Dietary Information
LabDiet® 5K52 formulation (6% fat)
Breeding Considerations
This strain is a good breeder.

Additional Breeding and Husbandry Support
Mating System
Homozygote x Homozygote
Appearance
black
Related Genotype: a/a
Citation
When using the CD8 KO mouse strain in a publication, please cite the originating article(s) and include JAX stock #002665 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

AX18 (Maximum)

Pricing & Availability
Live mice available in varying quantities. Ask Customer Service for details.
Pricing effective for USA, Canada and Mexico shipping destinations

### Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
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<td>4 weeks</td>
<td>Female</td>
<td>Homozygous for Cd8a&lt;sup&gt;tm1Mak&lt;/sup&gt;</td>
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<td>5 weeks</td>
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### Related Products and Services

| Frozen Mouse Embryo | B6.129S2-Cd8a<sup>tm1Mak</sup>/J Frozen Embryos | $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.

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**Terms Of Use**

Terms Of Use

General Terms and Conditions
Additional Use Restrictions Apply

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Licensing Information

Phone: 207-288-6470
Email: TechTran@jax.org

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## Related Strains

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All Related Strains