Overview

**B6.129/Sv m^Cgn/J**

Stock No: 002288 | muMt

- Congenic, Targeted Mutation

*AVAILABLE NOW*

**PLACE ORDER**

Sized to accommodate orders of up to 50 or more. Ask Customer Service for details.
Also Known As: muMt
Homozygous mutant mice lack mature B cells. There is no expression of membrane-bound IgM, although some B cells may be produced using a C gene other than \textit{mu}. It may be useful as a model for B cell immunodeficiency found in humans.

Donating Investigator
Klaus Rajewsky, Max Delbruck Centre for Molecular Medicine
Details

Detailed Description
Mice homozygous for the \textit{Ighm}^{tm1Cgn} targeted mutation are viable and fertile. Homozygous mutant mice lack mature B cells. There is no expression of membrane-bound IgM, although some B cells may be produced using a C gene other than \textit{mu}. It may be useful as a model for B cell immunodeficiency found in humans. Also known as \textit{muMT}.

Development

Control Suggestions

Selected References

Genetics

\textit{Ighm}^{tm1Cgn}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CHAT OFFLINE

CONTACT TECHNICAL SUPPORT
Genotyping Protocols
Standard PCR: Ighm
Standard PCR: Ighm

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 this MuMT- mouse strain in a publication, please cite the originating article(s) and include JAX stock #002288 in your Materials and Methods section.

Animal Health Reports

Facility Barrier Level Descriptions

Pricing & Availability

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Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<td>3 weeks</td>
<td>Female</td>
<td>Homozygous for Ighm</td>
<td>$130.81</td>
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<tr>
<td></td>
<td>Male</td>
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<td>4 weeks</td>
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<tr>
<td>9 weeks</td>
<td>Female</td>
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<td>$151.41</td>
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Related Strains

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