B10.RHIH2 - T11(1NS)SnJ

Stock No: 000457 | B10.RIII

Congenic, Major Histocompatibility Congenic

AVAILABLE NOW

PLACE ORDER

Sized to accommodate orders of up to 50 or more. Ask Customer Service for details.
Also Known As: B10.RIII
This congenic strain develops chronic and relapsing experimental autoimmune encephalomyelitis (EAE) after immunization with myelin basic protein (MBP). Susceptibility is associated with the major histocompatibility complex (MHC) allele, H2, the T cell receptor V β8 chain, and other non MHC loci. This strain also is susceptible to induction of collagen-induced arthritis. This congenic strain has been used for numerous immunological studies.
Immunology, Inflammation and Autoimmunity Research

BASE PRICE
Starting at:
$96.08 Domestic price for female 3-week

Details
Development
Control Suggestions
Selected References
Genetics
H2
H2-T18b
H2-T18
Disease/Phenotype
Disease Terms
Research Areas By Phenotype
Mammalian Phenotype Terms by Genotype
References
Technical Support
Genotyping Protocols
End Point Analysis: H2rs33481043-Alternate 1-EP
End Point Analysis: H2rs33481043-Alternate 2
Sanger sequencing: H2-T18-Alternate 3
Sanger sequencing: H2rs33481043 alt 1

Genotyping resources and troubleshooting

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

This strain is a good breeder.

Wean-aged mice may show signs of barbering that include whisker picking. Affected mice typically regrow whiskers within two weeks after weaning.

Additional Breeding and Husbandry Support

Mating System
Sibling x Sibling

Appearance
black
Related Genotype: a/a

Citation
When using the B10.RIII mouse strain in a publication, please cite the originating article(s) and include JAX stock #000457 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

Pricing & Availability

Available Now

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Domestic

Pricing effective for USA, Canada and Mexico shipping destinations

Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>3 weeks</td>
<td>Female</td>
<td><em>Homozygous for H2</em>¹ <em>Homozygous for H2-T18</em>²</td>
<td>$96.08</td>
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<td>Male</td>
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<tr>
<td>SEX</td>
<td>6 weeks</td>
<td>Homozygous for H2</td>
<td>Homozygous for H2-T18</td>
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<td>Homozygous for H2-T18</td>
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<tr>
<td>9 weeks</td>
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<td>Homozygous for H2-T18</td>
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Terms Of Use

General Terms and Conditions

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<tr>
<td>By Collection</td>
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