NOD.Cg-(D9rs6385855-D9rs13480186)/SlsgJ

Stock No: 026624 | NOD.Chr9L

Congenic, Transgenic

PLACE ORDER

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.
Overview

Also Known As: NOD.Chr9L

NOD.Chr9L mice may be useful when identifying new candidate genes in the Idd2 locus for the development of therapeutic avenues aimed at modulating DN T cell number for the prevention of autoimmune diseases.

Donating Investigator

Sylvie Lesage, Maisonneuve-Rosemont Hospital Research Center

Genetic Overview

<table>
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<tr>
<th>Genetic Background</th>
<th>Generation</th>
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Marker(s)

<table>
<thead>
<tr>
<th>Marker Symbol</th>
<th>Marker Name</th>
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<tbody>
<tr>
<td>Idd2</td>
<td>insulin dependent diabetes susceptibility 2</td>
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Research Applications

Diabetes and Obesity Research

Base Price

Starting at:

$2,595.00 Domestic price Cryo Recovery

Details

Detailed Description

NOD.Chr9L congenic mice bear homozygous B10.BR alleles on chromosome 9 in between markers rs13480141 (36.96Mb) and
rs13480186 (50.32Mb). This locus overlaps with the Idd2 locus.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

- Idd2

**Disease/Phenotype**

**Disease Terms**

**Research Areas By Genotype**

**Mammalian Phenotype Terms by Genotype**

**References**

**Technical Support**

CONTACT TECHNICAL SUPPORT

**Genotyping Protocols**

Standard PCR: D9Mit129
Standard PCR: D9Mit328
Genotyping resources and troubleshooting

**Breeding Considerations**

When maintaining a live colony, homozygous mice may be bred together.
Additional Breeding and Husbandry Support

**Citation**

When using the NOD:Shp2I mouse strain in a publication, please cite the originating article(s) and include JAX stock #026624 in your Materials and Methods section.
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.

<table>
<thead>
<tr>
<th></th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Homozygous for (D9rs6385855-D9rs13480186)</td>
<td>$2,595.00</td>
</tr>
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</table>

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryo recovery to establish a Dedicated Supply for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

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.

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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.

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Email: TechTran@jax.org

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All

By Allele

By Gene

By Collection

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