

## NOcCB1/LtJ

Stock No: **002348** | NOCB1

 Recombinant Congenic (RC)

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

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pancreatic necrosis). The mice of this strain do not develop spontaneous Insulin-Dependent Diabetes Mellitus (IDDM) or significant insulinitis.

### Donating Investigator

Dr. Edward Leiter, The Jackson Laboratory

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## GENETIC OVERVIEW

Genetic Background

Generation

VIEW GENETICS

## RESEARCH APPLICATIONS

Diabetes and Obesity Research

Immunology, Inflammation and Autoimmunity Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

## Details

### Detailed Description

Neither spontaneous IDDM nor significant insulinitis has been observed in any of the NOcCB or CBcNO recombinant congenic strains. Histologic analysis revealed leukocyte infiltration of the submandibular salivary glands (sialitis) of aging mice. Mice of these strains also developed pancreatic infiltrates, but these were limited to the perivascular and periductal regions of the pancreas (peri-insulinitis) and did not focus on the islets. All strains exhibited strong resistance to induction of both IDDM and insulinitis by a cyclophosphamide treatment regimen that causes diabetes within two weeks of the second dose in 90% of female NOD mice.

### Development

### Control Suggestions

### Selected References

## Genetics

Currently there are no related genes or alleles for this strain.

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## 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

[Genotyping resources and troubleshooting](#)

### Appearance

agouti

Related Genotype: A/A

### Citation

When using the NOCB1 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002348 in your Materials and Methods section.

### Animal Health Reports

[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.

## Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

### CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Homozygous, 1 pair minimum	\$2,854.50

## 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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### LICENSING INFORMATION

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## ☰ Related Strains

All

By Allele

By Gene

By Collection





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