

C57BL/6J-Tg(HLA-B27)30-4Trg/DcrJ

Stock No: 003440 | HLA-B27

 Transgenic

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

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endogenous H-2b and H-2s class I MHC molecules.

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(HLA-B27)30-4Trg

Alele Type

Transgenic (Inserted expressed sequence, Humanized sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

The H chain of the human class I MHC Ag HLA-B27 was introduced into the germ lines of inbred C57BL/6 (B6) mice by micro-injection resulting in physiologic cell surface expression of the HLAA B27 gene product. Function of the B27 Ag as the stimulator of both primary and secondary allogeneic cytolytic T cell responses demonstrated that the human transgene product functions as a normal class I MHC molecule in the mouse. These transgenic mice may be useful in studies of HLA-B27 in inflammatory human disease.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(HLA-B27)30-4Trg

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](#)

Citation

When using the HLA-B27 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003440 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 |
|-------------------------------|-----------------------------------|------------|
| Cryo Recovery | Hemizygous for Tg(HLA-B27)30-4Trg | \$2,854.50 |

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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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By Collection





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TOMORROW'S CURES



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