



# B 6 . 1 2 9 T S n 2 f - r s f 1 b J

Stock No: 002620 | TNF-R2<sup>-</sup>

Congenic, Targeted Mutation



AVAILABLE

PLACE ORDER

Live mice available in varying quantities. Ask Customer Service for details.

## Overview

### Also Known As: TNF-R2<sup>-</sup>

This strain is deficient of tumor necrosis factor receptor superfamily, member 1b (*Tnfrsf1b*), and are consequently resistant to TNF-induced cell death.

### Donating Investigator

Dr. Mark W. Moore, Deltagen

READ MORE +

## GENETIC OVERVIEW

Genetic Background      Generation  
N10F56  
(2019-05-03 00:00:00)

*Tnfrsf1b*<sup>tm1Mwm</sup>

Allele Type	Gene Symbol	Gene Name
Targeted (Null/Knockout)	<i>Tnfrsf1b</i>	tumor necrosis factor receptor superfamily, member 1b

V I E W   G E N E T I C S

## RESEARCH APPLICATIONS

Cancer Research  
Immunology, Inflammation and Autoimmunity Research  
Apoptosis Research

V I E W   A L L   R E S E A R C H   A P P L I C A T I O N S

## BASE PRICE

Starting at:

\$236.78 Domestic price for female 4-week

V I E W   P R I C E   L I S T

### Details

#### Detailed Description

Mice homozygous for a *Tnfrsf1b*<sup>tm1Mwm</sup> targeted mutation (formerly *Tnfr2*<sup>tm1Mwm</sup>, p75 deficient) are viable and fertile. Homozygous mutant mice show normal T-cell development and activity, but are resistant to TNF-induced cell death. Subcutaneous injections of TNF into homozygotes elicit much less tissue necrosis.

#### Development

#### Control Suggestions

#### Selected References

### Genetics

#### *Tnfrsf1b*<sup>tm1Mwm</sup>

## – Disease/Phenotype

+ Disease Terms

+ Research Areas By Genotype

+ Mammalian Phenotype Terms by Genotype

+ References

## – Technical Support

C H A T   O  F L I N E

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

Separated PCR: [Tnfrsf1b<sup>tm1Mwm</sup>](#)

[Genotyping resources and troubleshooting](#)

### Dietary Information

LabDiet® 5K52 formulation (6% fat)

### Breeding Considerations

This strain was generated on a mixed 129 and C57BL/6J background. It has been backcrossed to C57BL/6 six times. Homozygotes are viable and fertile. The strain is maintained by mating homozygous siblings. Expected coat color from breeding: Black

[Additional Breeding and Husbandry Support](#)

### Mating System

Homozygote x Homozygote

### Appearance

black

Related Genotype: *a/a*

### Citation

When using the TNF- $\beta$ <sup>-/-</sup> mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002620 in your

[Materials and Methods section.](#)

[Facility Barrier Level Descriptions](#)

 [AX10 \(Standard\)](#)

## – Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

Live Mouse

AGE	SEX	GENOTYPE	PRICE
4 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
5 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
6 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
7 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
8 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
9 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
10 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
11 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
12 weeks	Female	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78
	Male	Homozygous for Tnfrsf1b <sup>tm1Mwm</sup>	\$236.78

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### Terms of Use

[General Terms and Conditions](#)

Q U E S T I O N S   A B O U T   T E R M S   O F   U S E

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