



# STOCK Tg(TIE2GFP)287Sato/J

Stock No: 003658

Transgenic



AVAILABLE

PLACE ORDER

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

## Overview

Endothelial cells are labeled with GFP in this strain and these mice may be useful in studies of vascular development and regeneration.

### Donating Investigator

Thomas N. Sato, Nara Institute of Science and Technology

READ MORE +

## GENETIC OVERVIEW

Genetic Background

Generation

?+pF23  
(2019-05-03 00:00:00)

## Tg(TIE2GFP)287Sato

Allele Type

Transgenic (Reporter)

V I E W   G E N E T I C S

### RESEARCH APPLICATIONS

Endocrine Deficiency Research  
Research Tools  
Developmental Biology Research  
Cardiovascular 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:

\$255.00 Domestic price for female 4-week

V I E W   P R I C E   L I S T

### Details

#### Detailed Description

This strain expresses Green Fluorescent Protein (GFP) under the direction of the endothelial-specific receptor tyrosine kinase (*Tek*, formerly, *Tie2*) promoter. Endothelial cells expressing GFP can be visualized via fluorescent microscopy or purified by FACS.

#### Development

#### Expression Data

#### Control Suggestions

#### Selected References

### Genetics

#### Tg(TIE2GFP)287Sato

## – 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

QPCR: [Tg\(TIE2GFP\)287Sato](#)

[Genotyping resources and troubleshooting](#)

### Dietary Information

LabDiet® 5K52 formulation (6% fat)

### Breeding Considerations

This strain is a good breeder.

[Additional Breeding and Husbandry Support](#)

### Mating System

Homozygote x Homozygote

### Citation

When using the STOCK Tg(TIE2GFP)287Sato/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003658 in your Materials and Methods section.

### Animal Health Reports

[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 Tg(TIE2GFP)287Sato	\$255.00

5 weeks	SEX	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
6 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
7 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
8 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
9 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
10 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
11 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
12 weeks	Female	Homozygous for Tg(TIE2GFP)287Sato	\$255.00
	Male	Homozygous for Tg(TIE2GFP)287Sato	\$255.00

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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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### Licensing Information

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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By Allele

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# TOMORROW'S CURES

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