

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Map4k3Gt\(RRO270\)Byg/Map4k3Gt\(RRO270\)Byg](#)

RRID:MGI:5297521

Type: Organism

Proper Citation

RRID:MGI:5297521

Organism Information

URL:

Proper Citation: RRID:MGI:5297521

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: decreased interferon-gamma secretion, abnormal T-helper 1 cell differentiation, decreased IgM level, abnormal T-helper 17 cell differentiation, abnormal T-helper 2 cell differentiation, decreased IgG1 level, decreased IgG2a level, decreased IgG2b level, decreased IgG3 level, decreased interleukin-17 secretion, decreased interleukin-2 secretion, decreased interleukin-4 secretion, decreased susceptibility to experimental autoimmune encephalomyelitis, immune system phenotype, abnormal interleukin secretion, decreased immunoglobulin level, decreased T cell proliferation

Affected Gene: Map4k3

Genomic Alteration: Gt(RRO270)Byg

Catalog Number: 5297521

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21983831](#)

Organism Name: Map4k3^{Gt(RRO270)Byg}/Map4k3^{Gt(RRO270)Byg}

Record Creation Time: 20240120T190205+0000

Record Last Update: 20240130T201753+0000

Ratings and Alerts

No rating or validation information has been found for Map4k3^{Gt(RRO270)Byg}/Map4k3^{Gt(RRO270)Byg}.

No alerts have been found for Map4k3^{Gt(RRO270)Byg}/Map4k3^{Gt(RRO270)Byg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.