

# Resource Summary Report

Generated by [ASWG](#) on Aug 1, 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<sup>Gt(RRO270)Byg</sup>/Map4k3<sup>Gt(RRO270)Byg</sup>

**Record Creation Time:** 20240120T190205+0000

**Record Last Update:** 20240130T201753+0000

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## Ratings and Alerts

No rating or validation information has been found for Map4k3<sup>Gt(RRO270)Byg</sup>/Map4k3<sup>Gt(RRO270)Byg</sup>.

No alerts have been found for Map4k3<sup>Gt(RRO270)Byg</sup>/Map4k3<sup>Gt(RRO270)Byg</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.