

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

## [Mcpt4<sup>tm1Mabr</sup>/Mcpt4<sup>tm1Mabr</sup>](#)

RRID:MGI:2673140

Type: Organism

### Proper Citation

RRID:MGI:2673140

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2673140

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal mast cell physiology, abnormal blood coagulation

**Affected Gene:** Mcpt4

**Genomic Alteration:** tm1Mabr

**Catalog Number:** 2673140

**Background:** involves: 129X1/SvJ \* C57BL/6J

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:12900518](#)

**Organism Name:** Mcpt4<sup>tm1Mabr</sup>/Mcpt4<sup>tm1Mabr</sup>

**Record Creation Time:** 20240120T190729+0000

**Record Last Update:** 20240130T202056+0000

### Ratings and Alerts

No rating or validation information has been found for  $Mcpt4^{tm1Mabr}/Mcpt4^{tm1Mabr}$ .

No alerts have been found for  $Mcpt4^{tm1Mabr}/Mcpt4^{tm1Mabr}$ .

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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 found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Magnúsdóttir EI, et al. (2020) Mouse connective tissue mast cell proteases tryptase and carboxypeptidase A3 play protective roles in itch induced by endothelin-1. Journal of neuroinflammation, 17(1), 123.

Grujic M, et al. (2017) The combined action of mast cell chymase, tryptase and carboxypeptidase A3 protects against melanoma colonization of the lung. Oncotarget, 8(15), 25066.