

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Mcpt4^{tm1Mabr}/Mcpt4^{tm1Mabr}](#)

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^{tm1Mabr}/Mcpt4^{tm1Mabr}

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 $Mcpt4^{tm1Mabr}/Mcpt4^{tm1Mabr}$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

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.