

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

B6.129P2-Adamts4^{tm1Dgen}/J

RRID:IMSR_JAX:005770

Type: Organism

Proper Citation

RRID:IMSR_JAX:005770

Organism Information

URL: <https://www.jax.org/strain/005770>

Proper Citation: RRID:IMSR_JAX:005770

Description: Mus musculus with name B6.129P2-Adamts4^{tm1Dgen}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: ADAM metalloproteinase with thrombospondin type 1 motif 4|beta-galactosidase; mutant strain|congenic strain: Adamts4|lacZ

Affected Gene: ADAM metalloproteinase with thrombospondin type 1 motif 4|beta-galactosidase

Genomic Alteration: targeted mutation 1; Deltagen

Catalog Number: JAX:005770

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129P2-Adamts4^{tm1Dgen}/J

Record Creation Time: 20250513T053652+0000

Record Last Update: 20260815T050605+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Adamts4^{tm1Dgen}/J.

No alerts have been found for B6.129P2-Adamts4^{tm1Dgen}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Matsuzaki M, et al. (2023) ADAMTS4 is involved in the production of the Alzheimer disease amyloid biomarker APP669-711. Molecular psychiatry.

Jiang C, et al. (2023) ADAMTS4 Enhances Oligodendrocyte Differentiation and Remyelination by Cleaving NG2 Proteoglycan and Attenuating PDGFR?? Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(24), 4405.

Demircan K, et al. (2014) ADAMTS4 and ADAMTS5 knockout mice are protected from versican but not aggrecan or brevican proteolysis during spinal cord injury. BioMed research international, 2014, 693746.