Resource Summary Report

Generated by dkNET on Sep 20, 2026

Ntn1$^{tm1.2Tek}$/Ntn1$^{tm1.2Tek}$

RRID:MGI:5755388
Type: Organism

Proper Citation

RRID:MGI:5755388

Organism Information

URL:

Proper Citation: RRID:MGI:5755388

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

Species: Mus musculus

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

Phenotype: abnormal dorsal spinal root morphology, abnormal spinal cord ependymal layer morphology, abnormal spinal cord central canal morphology, abnormal spinal cord ventral commissure morphology, lethality throughout fetal growth and development, complete penetrance, abnormal axon guidance

Affected Gene: Ntn1

Genomic Alteration: tm1.2Tek

Catalog Number: 5755388

Background: involves: 129S1/Sv * 129X1/SvJ * BALB/c * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:26257176

Organism Name: Ntn1$^{tm1.2Tek}$/Ntn1$^{tm1.2Tek}$

Record Creation Time: 20240120T185922+0000

Record Last Update: 20240130T201613+0000

Ratings and Alerts

No rating or validation information has been found for $Ntn1^{tm1.2Tek}/Ntn1^{tm1.2Tek}$.

No alerts have been found for $Ntn1^{tm1.2Tek}/Ntn1^{tm1.2Tek}$.

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 dkNET .

Glasgow SD, et al. (2024) Acetylcholine synergizes with netrin-1 to drive persistent firing in the entorhinal cortex. Cell reports, 43(2), 113812.

Glasgow SD, et al. (2018) Activity-Dependent Netrin-1 Secretion Drives Synaptic Insertion of GluA1-Containing AMPA Receptors in the Hippocampus. Cell reports, 25(1), 168.