

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 24, 2026

[Hipk2^{tm1Ejh}/Hipk2^{tm1Ejh}](#)

RRID:MGI:5008273

Type: Organism

Proper Citation

RRID:MGI:5008273

Organism Information

URL:

Proper Citation: RRID:MGI:5008273

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

Species: Mus musculus

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

Phenotype: decreased dopamine level, limb grasping, impaired coordination, impaired behavioral response to addictive substance, dystonia, decreased tegmentum size, short stride length, decreased substantia nigra size, decreased neuron apoptosis, decreased dopaminergic neuron number, decreased exploration in new environment, abnormal gait, abnormal response to novelty, abnormal voluntary movement

Affected Gene: Hipk2

Genomic Alteration: tm1Ejh

Catalog Number: 5008273

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17159989](#)

Organism Name: Hipk2^{tm1Ejh}/Hipk2^{tm1Ejh}

Record Creation Time: 20240120T190220+0000

Record Last Update: 20240130T201801+0000

Ratings and Alerts

No rating or validation information has been found for Hipk2^{tm1Ejh}/Hipk2^{tm1Ejh}.

No alerts have been found for Hipk2^{tm1Ejh}/Hipk2^{tm1Ejh}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhang J, et al. (2020) Loss of HIPK2 Protects Neurons from Mitochondrial Toxins by Regulating Parkin Protein Turnover. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(3), 557.

Shang Y, et al. (2018) HIPK2-Mediated Transcriptional Control of NMDA Receptor Subunit Expression Regulates Neuronal Survival and Cell Death. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(16), 4006.

Lee S, et al. (2016) Activation of HIPK2 Promotes ER Stress-Mediated Neurodegeneration in Amyotrophic Lateral Sclerosis. Neuron, 91(1), 41.