

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Gnpnat1^{tm1Mak}/Gnpnat1^{tm1Mak}](#)

RRID:MGI:3662893

Type: Organism

Proper Citation

RRID:MGI:3662893

Organism Information

URL:

Proper Citation: RRID:MGI:3662893

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

Species: Mus musculus

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

Phenotype: absent mesoderm, small ectoplacental cone, absent chorion, embryonic growth retardation, decreased cell proliferation, absent amnion, absent allantois, abnormal extraembryonic tissue morphology, embryonic lethality between implantation and somite formation, complete penetrance

Affected Gene: Gnpnat1

Genomic Alteration: tm1Mak

Catalog Number: 3662893

Background: either: (involves: C57BL/6J) or (involves: CD-1)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11013212](#)

Organism Name: Gnpnat1^{tm1Mak}/Gnpnat1^{tm1Mak}

Record Creation Time: 20240120T190547+0000

Record Last Update: 20240130T201957+0000

Ratings and Alerts

No rating or validation information has been found for Gnpnat1^{tm1Mak}/Gnpnat1^{tm1Mak}.

No alerts have been found for Gnpnat1^{tm1Mak}/Gnpnat1^{tm1Mak}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.