

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Akt1^{tm1Hem}/Akt1^{tm1Hem}](#)

RRID:MGI:2675234

Type: Organism

Proper Citation

RRID:MGI:2675234

Organism Information

URL:

Proper Citation: RRID:MGI:2675234

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

Species: Mus musculus

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

Phenotype: abnormal placenta morphology, decreased spongiotrophoblast size, abnormal placenta vasculature, decreased placental labyrinth size, abnormal maternal decidua morphology, weakness, postnatal lethality, incomplete penetrance, pallor, decreased litter size, decreased body size, decreased fetal size, postnatal growth retardation, decreased body weight, abnormal placenta development, decreased trophoblast glycogen cell number, small placenta, decreased placenta weight

Affected Gene: Akt1

Genomic Alteration: tm1Hem

Catalog Number: 2675234

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12783884](#)

Organism Name: Akt1^{tm1Hem}/Akt1^{tm1Hem}

Record Creation Time: 20240120T190726+0000

Record Last Update: 20240130T202054+0000

Ratings and Alerts

No rating or validation information has been found for Akt1^{tm1Hem}/Akt1^{tm1Hem}.

No alerts have been found for Akt1^{tm1Hem}/Akt1^{tm1Hem}.

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.