

Resource Summary Report

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

[Mapk7^{tm1Kda}/Mapk7^{tm1Kda}](#)

RRID:MGI:3618346

Type: Organism

Proper Citation

RRID:MGI:3618346

Organism Information

URL:

Proper Citation: RRID:MGI:3618346

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

Species: Mus musculus

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

Phenotype: abnormal vascular endothelial cell morphology, failure of vascular branching, failure of heart looping, abnormal placenta vasculature, abnormal heart right ventricle morphology, absent vitelline blood vessels, abnormal dorsal aorta morphology, embryonic lethality during organogenesis, complete penetrance, abnormal vitelline vascular remodeling, abnormal vascular development, trabecula carnea hypoplasia, abnormal vascular smooth muscle morphology, abnormal vitelline vasculature morphology, decreased angiogenesis, decreased embryo size, abnormal heart development, pericardial edema, pale yolk sac

Affected Gene: Mapk7

Genomic Alteration: tm1Kda

Catalog Number: 3618346

Background: involves: 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12093914](#)

Organism Name: Mapk7^{tm1Kda}/Mapk7^{tm1Kda}

Record Creation Time: 20240120T190605+0000

Record Last Update: 20240130T202008+0000

Ratings and Alerts

No rating or validation information has been found for Mapk7^{tm1Kda}/Mapk7^{tm1Kda}.

No alerts have been found for Mapk7^{tm1Kda}/Mapk7^{tm1Kda}.

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.