

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Zmpste24^{tm1Otin}/Zmpste24^{tm1Otin}](#)

RRID:MGI:3621007

Type: Organism

Proper Citation

RRID:MGI:3621007

Organism Information

URL:

Proper Citation: RRID:MGI:3621007

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

Species: Mus musculus

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

Phenotype: tremors, increased hair follicle apoptosis, premature death, premature hair loss, thin ventricular wall, abnormal femur morphology, abnormal tibia morphology, epidermal atrophy, thymus hypoplasia, postnatal growth retardation, absent subcutaneous adipose tissue, cardiac interstitial fibrosis, abnormal hair follicle morphology, increased heart weight, dystrophic muscle, scoliosis, hunched posture, abnormal postural reflex, dilated heart right ventricle, dilated heart left ventricle, dilated cardiomyopathy, abnormal locomotor behavior, weight loss, increased kidney weight, decreased body size, increased circulating creatine kinase level, increased circulating aspartate transaminase level, abnormal thymus corticomedullary boundary morphology, abnormal body weight, increased circulating glutamate dehydrogenase level

Affected Gene: Zmpste24

Genomic Alteration: tm1Otin

Catalog Number: 3621007

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11923874](#)

Organism Name: Zmpste24^{tm1Otin}/Zmpste24^{tm1Otin}

Record Creation Time: 20240120T190602+0000

Record Last Update: 20240130T202050+0000

Ratings and Alerts

No rating or validation information has been found for Zmpste24^{tm1Otin}/Zmpste24^{tm1Otin}.

No alerts have been found for Zmpste24^{tm1Otin}/Zmpste24^{tm1Otin}.

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.