

# Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

## [Zmpste24<sup>tm1Otin</sup>/Zmpste24<sup>tm1Otin</sup>](#)

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<sup>tm1Otin</sup>/Zmpste24<sup>tm1Otin</sup>

**Record Creation Time:** 20240120T190602+0000

**Record Last Update:** 20240130T202050+0000

---

## Ratings and Alerts

No rating or validation information has been found for Zmpste24<sup>tm1Otin</sup>/Zmpste24<sup>tm1Otin</sup>.

No alerts have been found for Zmpste24<sup>tm1Otin</sup>/Zmpste24<sup>tm1Otin</sup>.

---

## 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.