

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Lonp1^{tm1Otin}/Lonp1^{tm1Otin}](#)

RRID:MGI:5707192

Type: Organism

Proper Citation

RRID:MGI:5707192

Organism Information

URL:

Proper Citation: RRID:MGI:5707192

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

Species: Mus musculus

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

Phenotype: abnormal trophoblast giant cell morphology, abnormal inner cell mass morphology, decreased embryo size, embryonic lethality between implantation and placentation, incomplete penetrance, embryonic growth retardation, decreased mitochondrial DNA content

Affected Gene: Lonp1

Genomic Alteration: tm1Otin

Catalog Number: 5707192

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25017063](#)

Organism Name: Lonp1^{tm1Otin}/Lonp1^{tm1Otin}

Record Creation Time: 20240120T185925+0000

Record Last Update: 20240130T201615+0000

Ratings and Alerts

No rating or validation information has been found for Lonp1^{tm1Otin}/Lonp1^{tm1Otin}.

No alerts have been found for Lonp1^{tm1Otin}/Lonp1^{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.