

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

Sostdc1^{tm1Snd}/Sostdc1^{tm1Snd}

RRID:MGI:5770346

Type: Organism

Proper Citation

RRID:MGI:5770346

Organism Information

URL:

Proper Citation: RRID:MGI:5770346

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

Species: Mus musculus

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

Phenotype: abnormal osteoblast physiology, decreased chondrocyte proliferation, increased trabecular bone volume, mortality/aging, increased bone mineral density, increased osteoblast cell number, decreased osteoclast cell number, abnormal bone ossification, increased bone mineral content, increased bone mass, increased osteoblast proliferation, abnormal bone mineralization

Affected Gene: Sostdc1

Genomic Alteration: tm1Snd

Catalog Number: 5770346

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24789067](#)

Organism Name: Sostdc1^{tm1Snd}/Sostdc1^{tm1Snd}

Record Creation Time: 20240120T185905+0000

Record Last Update: 20240130T201603+0000

Ratings and Alerts

No rating or validation information has been found for Sostdc1^{tm1Snd}/Sostdc1^{tm1Snd}.

No alerts have been found for Sostdc1^{tm1Snd}/Sostdc1^{tm1Snd}.

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.