

# Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

[Sit1<sup>tm1Lsmn</sup>/Sit1<sup>tm1Lsmn</sup>](#)

RRID:MGI:3589734

Type: Organism

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## Proper Citation

RRID:MGI:3589734

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3589734

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

**Species:** Mus musculus

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

**Phenotype:** abnormal cytokine secretion, increased mature gamma-delta T cell number, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, abnormal T-helper 1 cell differentiation, abnormal T cell differentiation, increased tumor necrosis factor secretion, increased interferon-gamma secretion, increased interleukin-2 secretion, abnormal lymphocyte cell number, increased T cell proliferation, increased double-positive T cell number, increased susceptibility to experimental autoimmune encephalomyelitis, lymph node hypoplasia, thymus hyperplasia

**Affected Gene:** Sit1

**Genomic Alteration:** tm1Lsmn

**Catalog Number:** 3589734

**Background:** B6.Cg-Sit1

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:16107703](#)

**Organism Name:** Sit1<sup>tm1Lsmn</sup>/Sit1<sup>tm1Lsmn</sup>

**Record Creation Time:** 20240120T190621+0000

**Record Last Update:** 20240130T202017+0000

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## Ratings and Alerts

No rating or validation information has been found for Sit1<sup>tm1Lsmn</sup>/Sit1<sup>tm1Lsmn</sup>.

No alerts have been found for Sit1<sup>tm1Lsmn</sup>/Sit1<sup>tm1Lsmn</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.