

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

## [Sirpa<sup>tm1Umri</sup>/Sirpa<sup>tm1Umri</sup>; Tg\(CAG-cre/Esr1\\*\)1Lbe](#)

RRID:MGI:5558023

Type: Organism

### Proper Citation

RRID:MGI:5558023

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5558023

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

**Species:** Mus musculus

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

**Phenotype:** reduced long term potentiation, abnormal excitatory postsynaptic potential, abnormal synaptic vesicle number, abnormal synaptic vesicle morphology, abnormal synapse morphology, enhanced paired-pulse facilitation

**Affected Gene:** Sirpa

**Genomic Alteration:** tm1Umri, Tg(CAG-cre/Esr1\*)1Lbe

**Catalog Number:** 5558023

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:24036914](#)

**Organism Name:** Sirpa<sup>tm1Umri</sup>/Sirpa<sup>tm1Umri</sup>; Tg(CAG-cre/Esr1\*)1Lbe

**Record Creation Time:** 20240120T190053+0000

**Record Last Update:** 20240130T201709+0000

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## Ratings and Alerts

No rating or validation information has been found for Sirpa<sup>tm1Umri</sup>/Sirpa<sup>tm1Umri</sup>; Tg(CAG-cre/Esr1\*)1Lbe.

No alerts have been found for Sirpa<sup>tm1Umri</sup>/Sirpa<sup>tm1Umri</sup>; Tg(CAG-cre/Esr1\*)1Lbe.

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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 found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Lehrman EK, et al. (2018) CD47 Protects Synapses from Excess Microglia-Mediated Pruning during Development. Neuron, 100(1), 120.