

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 25, 2026

[Sirpa^{tm1Umri}/Sirpa^{tm1Umri}; Tg\(CAG-cre/Esr1*\)1Lbe](#)

RRID:MGI:5558023

Type: Organism

Proper Citation

RRID:MGI:5558023

Organism Information

URL:

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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^{tm1Umri}/Sirpa^{tm1Umri}; Tg(CAG-cre/Esr1*)1Lbe

Record Creation Time: 20240120T190053+0000

Record Last Update: 20240130T201709+0000

Ratings and Alerts

No rating or validation information has been found for Sirpa^{tm1Umri}/Sirpa^{tm1Umri}; Tg(CAG-cre/Esr1*)1Lbe.

No alerts have been found for Sirpa^{tm1Umri}/Sirpa^{tm1Umri}; Tg(CAG-cre/Esr1*)1Lbe.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

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.