

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 2026

STOCK Dcst1^{tm1Osb}/OsbRbrc

RRID:IMSR_RBRC05733

Type: Organism

Proper Citation

RRID:IMSR_RBRC05733

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05733>

Proper Citation: RRID:IMSR_RBRC05733

Description: Mus musculus with name STOCK Dcst1^{tm1Osb}/OsbRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: DC-STAMP domain containing 1; mutant stock: Dcst1

Affected Gene: DC-STAMP domain containing 1

Genomic Alteration: targeted mutation 1; Research Institute for Microbial Diseases; Osaka University

Catalog Number: RBRC05733

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: STOCK Dcst1^{tm1Osb}/OsbRbrc

Record Creation Time: 20250513T061504+0000

Record Last Update: 20260808T054852+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Dcst1^{tm1Osb}/OsbRbrc.

No alerts have been found for STOCK Dcst1^{tm1Osb}/OsbRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Inoue N, et al. (2025) Noncanonical phagocytosis-like SEAL establishes mammalian fertilization. Cell reports, 44(4), 115463.