

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

STOCK Ptpro^{tm1Shs}/Rbrc

RRID:IMSR_RBRC01235

Type: Organism

Proper Citation

RRID:IMSR_RBRC01235

Organism Information

URL: <https://brc.riken.jp/mus/RBRC01235>

Proper Citation: RRID:IMSR_RBRC01235

Description: Mus musculus with name STOCK Ptpro^{tm1Shs}/Rbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase receptor type O; mutant stock: Ptpro

Affected Gene: protein tyrosine phosphatase receptor type O

Genomic Alteration: targeted mutation 1; Takuji Shirasawa

Catalog Number: RBRC01235

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: STOCK Ptpro^{tm1Shs}/Rbrc

Record Creation Time: 20250513T061436+0000

Record Last Update: 20260912T064253+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Ptpro^{tm1Shs}/Rbrc.

No alerts have been found for STOCK Ptpro^{tm1Shs}/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Shintani T, et al. (2023) Deletion or inhibition of PTPRO prevents ectopic fat accumulation and induces healthy obesity with markedly reduced systemic inflammation. Life sciences, 313, 121292.

Yu Y, et al. (2018) Protein Tyrosine Phosphatase Receptor Type J (PTPRJ) Regulates Retinal Axonal Projections by Inhibiting Eph and Abl Kinases in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(39), 8345.