

Resource Summary Report

Generated by [kravitz2](#) on Aug 3, 2026

C57BL/6JGpt-Ptprc^{em1Cin(p.K302E)}/Gpt (Academic Research)

RRID:IMSR_GPT:T054816

Type: Organism

Proper Citation

RRID:IMSR_GPT:T054816

Organism Information

URL: https://en.gempharmatech.com/product/details100035_4031767.html

Proper Citation: RRID:IMSR_GPT:T054816

Description: Mus musculus with name C57BL/6JGpt-Ptprc^{em1Cin(p.K302E)}/Gpt (Academic Research) from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase receptor type C; coisogenic strain: Ptprc

Affected Gene: protein tyrosine phosphatase receptor type C

Catalog Number: GPT:T054816

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: C57BL/6JGpt-Ptprc^{em1Cin(p.K302E)}/Gpt (Academic Research)

Record Creation Time: 20250513T054441+0000

Record Last Update: 20260801T051150+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Ptprc^{em1Cin(p.K302E)}/Gpt (Academic Research).

No alerts have been found for C57BL/6JGpt-Ptprc^{em1Cin(p.K302E)}/Gpt (Academic Research).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Li X, et al. (2026) The TCR-SUB1-DOCK2 axis promotes autoimmunity by driving pathogenic CD4+ T cell tissue infiltration. Immunity, 59(1), 98.

Shan M, et al. (2025) Itaconate promotes inflammatory responses in tissue-resident alveolar macrophages and exacerbates acute lung injury. Cell metabolism, 37(8), 1750.

Xing Y, et al. (2025) Long-range deployment of tumor-antigen-specific cytotoxic T lymphocytes inhibits lung metastasis of breast cancer. Developmental cell.

Song J, et al. (2025) Protocol for establishment of parabiotic mouse models and validation by flow cytometric analysis of immune cells. STAR protocols, 7(1), 104268.

Huang F, et al. (2024) B cell subsets contribute to myocardial protection by inducing neutrophil apoptosis after ischemia and reperfusion. JCI insight, 9(4).

You Y, et al. (2024) Crystalline silica-induced recruitment and immuno-imbalance of CD4+ tissue resident memory T cells promote silicosis progression. Communications biology, 7(1), 971.