

# Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

## PCK-P2rx7<sup>em8Mcwi</sup>

RRID:RGD\_12790679

Type: Organism

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### Proper Citation

RRID:RGD\_12790679

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12790679>

**Proper Citation:** RRID:RGD\_12790679

**Description:** Rattus norvegicus with name PCK-P2rx7<sup>em8Mcwi</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** CRISPR/Cas9 system was used to introduce a mutation in the P2rx7 gene of PCK/CrljCrl-Pkhd1pck/Crl rat embryos. The resulting mutation is a 1-bp insertion in Exon 2 of the P2rx7 gene. Contact MCW rat distribution at [mcwcustomrats@mcw.edu](mailto:mcwcustomrats@mcw.edu)

**Catalog Number:** 12790679

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Cryopreserved Sperm (as of 2021-11-03)

**Alternate IDs:** 12790679

**Organism Name:** PCK-P2rx7<sup>em8Mcwi</sup>

**Record Creation Time:** 20230509T191947+0000

**Record Last Update:** 20260905T135237+0000

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### Ratings and Alerts

No rating or validation information has been found for PCK-P2rx7<sup>em8Mcwi</sup>.

No alerts have been found for PCK-*P2rx7<sup>em8Mcwi</sup>*.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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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 [dkNET](#).

Paka P, et al. (2018) A small molecule fibrokinase inhibitor in a model of fibropolycystic hepatorenal disease. World journal of nephrology, 7(5), 96.