

# Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

## [P2rx7<sup>tm1Gab</sup>/P2rx7<sup>tm1Gab</sup>](#)

RRID:MGI:3042215

Type: Organism

### Proper Citation

RRID:MGI:3042215

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3042215

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** decreased diameter of femur, increased osteoclast cell number, decreased body weight, decreased interleukin-1 beta secretion, abnormal skeleton development, abnormal cell death, decreased diameter of long bones, abnormal skeleton physiology, decreased diameter of tibia, abnormal interleukin-6 secretion

**Affected Gene:** P2rx7

**Genomic Alteration:** tm1Gab

**Catalog Number:** 3042215

**Background:** either: (involves: 129P2/OlaHsd \* C57BL/6) or (involves: 129P2/OlaHsd \* C57BL/6 \* DBA/2)

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:14761980](#), [PMID:12677010](#), [PMID:11016935](#)

**Organism Name:** P2rx7<sup>tm1Gab</sup>/P2rx7<sup>tm1Gab</sup>

**Record Creation Time:** 20240120T190701+0000

**Record Last Update:** 20240130T202040+0000

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## Ratings and Alerts

No rating or validation information has been found for P2rx7<sup>tm1Gab</sup>/P2rx7<sup>tm1Gab</sup>.

No alerts have been found for P2rx7<sup>tm1Gab</sup>/P2rx7<sup>tm1Gab</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.