

Recombinant Mouse P2rx4 Protein, His-tagged

Cat. No. P2rx4-1889M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse P2rx4 Protein (Gln55-Asn338) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln55-Asn338
Description	Enables extracellularly ATP-gated cation channel activity. Acts upstream of or within several processes, including excitatory postsynaptic potential; nitric oxide biosynthetic process; and vasodilation. Located in apical part of cell. Is expressed in several structures, including cardiovascular system; gut; immune system; nervous system; and viscerocranium. Orthologous to human P2RX4 (purinergic receptor P2X 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.2 kDa Accurate Molecular Mass: 37 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

P2rx4 purinergic receptor P2X, ligand-gated ion channel 4 [Mus musculus (house mouse)]

Official Symbol

P2rx4

Synonyms

P2RX4; purinergic receptor P2X, ligand-gated ion channel 4; P2X purinoceptor 4; ATP receptor; ionotropic purinergic receptor; P2X4; AI504491; AW555605; D5Ertd444e;

Gene ID

18438

mRNA Refseq

NM_011026

Protein Refseq

NP_035156

UniProt ID

Q9JJX6

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