

Recombinant Human P2RX7, GST-tagged

Cat. No. P2RX7-1494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RX7 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	P2RX7 purinergic receptor P2X, ligand-gated ion channel, 7 [Homo sapiens]
Official Symbol	P2RX7
Synonyms	P2RX7; purinergic receptor P2X, ligand-gated ion channel, 7; P2X purinoceptor 7; MGC20089; P2X7; ATP receptor; P2Z receptor; P2X7 receptor; purinergic receptor P2X7 variant A;

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Gene ID	5027
mRNA Refseq	NM_002562
Protein Refseq	NP_002553
MIM	602566
UniProt ID	Q99572
Chromosome Location	12q24
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	ATP binding; ATP binding; extracellular ATP-gated cation channel activity; ion channel activity; lipopolysaccharide binding; protein homodimerization activity; purinergic nucleotide receptor activity; receptor activity; receptor binding;