

## Recombinant Human P2RX1 protein, His-tagged

Cat. No. P2RX1-3648H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human P2RX1 protein(196-291 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	196-291 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	PRFKVNRRLVEEVNAAHMKTCLFHKTLHPLCPVFQLGYVVQESGQNFSTLAEKGG VVGITIDWHCDLDWHVRHCRPIYEFHGLYEKLNLSPGFNF
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

## GENE INFORMATION

<b>Gene Name</b>	P2RX1 purinergic receptor P2X, ligand-gated ion channel, 1 [ Homo sapiens ]
<b>Official Symbol</b>	P2RX1
<b>Synonyms</b>	P2RX1; purinergic receptor P2X, ligand-gated ion channel, 1; P2X purinoceptor 1; P2X1; ATP receptor; P2X1 receptor; P2X receptor, subunit 1;
<b>Gene ID</b>	5023
<b>mRNA Refseq</b>	NM_002558
<b>Protein Refseq</b>	NP_002549
<b>MIM</b>	600845
<b>UniProt ID</b>	P51575

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