

Recombinant Human P2RX3 protein, His-tagged

Cat. No. P2RX3-1492H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RX3 protein(44-326 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	44-326 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LHEKAYQVRDTAIESSVVTKVKGSGLYANRVMDVSDYVTPPQGTSVFVIITKMIVTEN QMQGFCPESEEEKYRCVSDSQCGPERLPGGGILTGRCVNYSSVLRTCEIQGWCPTE VDTVETPIMMEAENFTIFIKNSIRFPLNFEEKGNLLPNLTARDMKTCRFHPDKDPFCPI LRVGDVVKFAGQDFAKLARTGGVLGIGWVCDLDKAWDQCIPKYSFTRLDSVSEK SSVSPGYNFRFAKYKMEENGSEYRLLKAFGIRFDVLVYGNAGKFNIPTIISV
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.

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Reconstitution	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 storage.
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GENE INFORMATION

Gene Name	P2RX3 purinergic receptor P2X, ligand-gated ion channel, 3 [Homo sapiens]
Official Symbol	P2RX3
Synonyms	P2RX3; purinergic receptor P2X, ligand-gated ion channel, 3; P2X purinoceptor 3; P2X3; ATP receptor; purinoceptor P2X3; P2X receptor, subunit 3; purinergic receptor P2X3; MGC129956;
Gene ID	5024
mRNA Refseq	NM_002559.3
Protein Refseq	NP_002550.2
MIM	600843
UniProt ID	P56373

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