

Recombinant Human P2RX7 protein, His-tagged

Cat. No. P2RX7-3635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RX7 protein(382-589 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	382-589 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	YYRKKCESIVEPKPTLKYVSFVDESHIRMVNQQLGRSLQDVKGQEVPRPAMDFT DLSRLPLALHDTPIPGQP E E I Q L L R K E A T P R S R D S P V W C Q C G S C L P S Q L P E S H R C L E E L C C R K K P G A C I T T S E L F R K L V L S R H V L Q F L L Y Q E P L L A L D V D S T N S R L R H C A Y R C Y A T W R F G S Q D M A D F A I L P S C C R W R I R K E F P K S E G Q Y S
Purity	90%, 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.

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;

Gene ID

5027

mRNA Refseq

NM_002562

Protein Refseq

NP_002553

MIM

602566

UniProt ID

Q99572

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