

Recombinant Human P2RX6, His-tagged

Cat. No. P2RX6-1493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RX6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-330aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	P2RX6 purinergic receptor P2X, ligand-gated ion channel, 6 [Homo sapiens]
Official Symbol	P2RX6
Synonyms	P2RX6; purinergic receptor P2X, ligand-gated ion channel, 6; P2RXL1, purinergic receptor P2X like 1, orphan receptor; P2X purinoceptor 6; MGC129625; P2X6; P2XM; ATP receptor; purinoceptor P2X6; purinoreceptor P2X6; skeletal muscle-expressed P2X; purinergic receptor P2X-like 1, orphan receptor; P2RXL1;

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Gene ID	9127
mRNA Refseq	NM_001159554
Protein Refseq	NP_001153026
MIM	608077
UniProt ID	O15547
Chromosome Location	22q11.21
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	ATP binding; ATP binding; channel activity; extracellular ATP-gated cation channel activity; extracellular ATP-gated cation channel activity; identical protein binding; ion channel activity; purinergic nucleotide receptor activity; purinergic nucleotide r