

## Recombinant Human P2RX6, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human P2RX6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-330aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	P2RX6 purinergic receptor P2X, ligand-gated ion channel, 6 [ Homo sapiens ]
<b>Official Symbol</b>	P2RX6
<b>Synonyms</b>	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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<b>Gene ID</b>	9127
<b>mRNA Refseq</b>	NM_001159554
<b>Protein Refseq</b>	NP_001153026
<b>MIM</b>	608077
<b>UniProt ID</b>	O15547
<b>Chromosome Location</b>	22q11.21
<b>Pathway</b>	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
<b>Function</b>	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

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