

Recombinant Human P2RX6 Protein, His-tagged

Cat. No. P2RX6-2539H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RX6 Protein (Lys61-Gly333) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys61-Gly333
Description	The protein encoded by this gene belongs to the family of P2X receptors, which are ATP-gated ion channels and mediate rapid and selective permeability to cations. This gene is predominantly expressed in skeletal muscle, and regulated by p53. The encoded protein is associated with VE-cadherin at the adherens junctions of human umbilical vein endothelial cells. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 22, has been identified.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4 kDa Accurate Molecular Mass: 34 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	P2RX6 purinergic receptor P2X, ligand-gated ion channel, 6 [Homo sapiens (human)]
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;
Gene ID	9127
mRNA Refseq	NM_001159554
Protein Refseq	NP_001153026

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MIM	608077
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UniProt ID	O15547
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