

Recombinant Human P2RX2 Protein, MYC/DDK-tagged

Cat. No. P2RX2-143H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human P2RX2, transcript variant 1, with A241G and A242C mutations, encoding the mutant form (K81L), fused with MYC/DDK tag at C-terminal was expressed in HEK293.

Species Human

Source HEK293

Description The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Form 25 mM Tris-HCl, pH 7.3, 100 mM glycine, and 10% glycerol.

Molecular Mass 51.6 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name P2RX2 purinergic receptor P2X, ligand-gated ion channel, 2 [Homo sapiens]

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Official Symbol	P2RX2
Synonyms	P2RX2; purinergic receptor P2X, ligand-gated ion channel, 2; P2X purinoceptor 2; P2X2; ATP receptor; P2X Receptor, subunit 2; MGC129601;
Gene ID	22953
mRNA Refseq	NM_170682
Protein Refseq	NP_733782
MIM	600844
UniProt ID	Q9UBL9

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