

Recombinant Human P2RX5 Protein, His-tagged

Cat. No. P2RX5-2538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RX5 Protein (Lys52-Arg319) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys52-Arg319
Description	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream gene, TAX1BP3 (Tax1 binding protein 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.8 kDa Accurate Molecular Mass: 34 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	P2RX5 purinergic receptor P2X, ligand-gated ion channel, 5 [Homo sapiens (human)]
Official Symbol	P2RX5
Synonyms	P2RX5; purinergic receptor P2X, ligand-gated ion channel, 5; P2X purinoceptor 5; P2X5; ATP receptor subunit; ionotropic ATP receptor P2X5; lymphoid-restricted histocompatibility antigen-1; LRH-1; P2X5R; MGC47755;
Gene ID	5026
mRNA Refseq	NM_001204519
Protein Refseq	NP_001191448
MIM	602836

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UniProt ID

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