

Purinergic Receptor P2X, Ligand Gated Ion Channel 4 (P2RX4) Recombinant Protein | P2RX4 recombinant protein

Recombinant Purinergic Receptor P2X, Ligand Gated Ion Channel 4 (P2RX4)

CATALOG # AAA21148	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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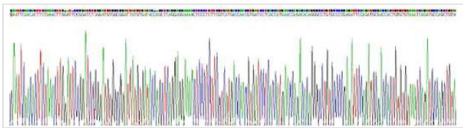
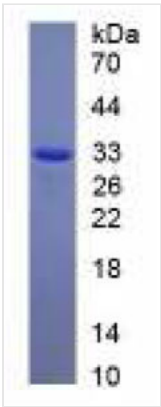
PRODUCT SYNONYMS

Purinergic Receptor P2X; Ligand Gated Ion Channel 4 (P2RX4); Recombinant Purinergic Receptor P2X; P2X4; P2X4R; P2X Purinoceptor 4; ATP receptor; Purinergic receptor; P2RX4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 7000ug/mL (varies by lot)
Applicable Applications for P2RX4 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Asn75~Asn338
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	7.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.

IMAGES



Gene Sequencing (Extract)

SDS-PAGE

NTSKLG FRIWDVADYV IPAQEENSLF
VMTNVILTMN QTQGLCPEIP DATTVCKSDA SCTAGSAGTH SNGVSTGRVCV
AFNGSVKTCE VAAWCPVEDD THVPQPAFLK AAENFTLLVK NNIWYPKFNF
SKRNILPNIT TTYLKSCIYD AKTDPFCPIF RLKGIVENAG HSFQDMAVEG
GIMGIQVND CNLDRAASLC LPRYSFRRLD TRDEHNVSP GYNFRFAKY
RDLAGNEQRT LIKAYGIRFD IIVFGKAGKF DIIPTMIN

Sequence Information

ADDITIONAL INFORMATION

Product Categories/Family for P2RX4 recombinant protein	CD & Adhesion molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116242696
NCBI GeneID	5025
UniProt Accession #	Q99571
Molecular Weight	Predicted Molecular Mass: 33.2kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	P2X purinoceptor 4
NCBI Official Synonym Full Names	purinergic receptor P2X 4
NCBI Official Symbol	P2RX4
NCBI Official Synonym Symbols	P2X4; P2X4R
NCBI Protein Information	P2X purinoceptor 4
UniProt Protein Name	P2X purinoceptor 4
UniProt Gene Name	P2RX4
UniProt Synonym Gene Names	P2X4
UniProt Entry Name	P2RX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.