

Purinergic Receptor P2X, Ligand Gated Ion Channel 1 Recombinant Protein | P2RX1 recombinant protein

Recombinant Purinergic Receptor P2X, Ligand Gated Ion Channel 1 (P2RX1)

CATALOG # AAA150285	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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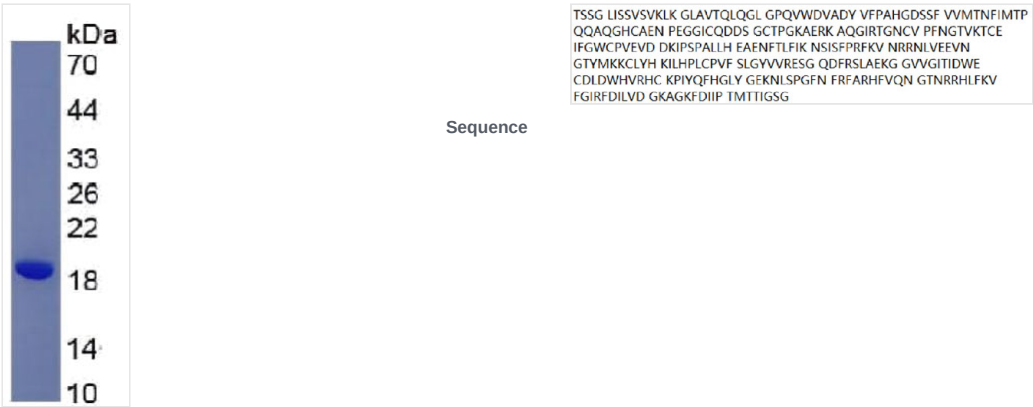
PRODUCT SYNONYMS

Purinergic Receptor P2X; Ligand Gated Ion Channel 1; Recombinant Purinergic Receptor P2X; Ligand Gated Ion Channel 1 (P2RX1); P2X1; P2X Purinoceptor 1; ATP receptor; Purinergic receptor; P2RX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 800ug/mL (varies by lot)
Applicable Applications for P2RX1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr57~Gly338
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	8.0
Usage	Reconstitute in ddH ₂ O 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



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for P2RX1 recombinant protein	CD & Adhesion molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158711719
NCBI GeneID	18436
NCBI Accession #	NP_032797.3
NCBI GenBank Nucleotide #	NP_032797.3
UniProt Accession #	P51576
Molecular Weight	Predicted Molecular Mass: 35kDa Accurate Molecular Mass: 36kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	P2X purinoceptor 1
NCBI Official Synonym Full Names	purinergic receptor P2X, ligand-gated ion channel, 1
NCBI Official Symbol	P2rx1
NCBI Official Synonym Symbols	P2x; RP-2; Pdcd3; AI323649; BB122383
NCBI Protein Information	P2X purinoceptor 1
UniProt Protein Name	P2X purinoceptor 1
UniProt Gene Name	P2rx1
UniProt Synonym Gene Names	P2X1
UniProt Entry Name	P2RX1_MOUSE

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.