

Purinergic Receptor P2X, Ligand Gated Ion Channel 7 (P2RX7) Recombinant Protein | P2RX7 recombinant protein

Recombinant Purinergic Receptor P2X, Ligand Gated Ion Channel 7 (P2RX7)

CATALOG # AAA153641	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Purinergic Receptor P2X; Ligand Gated Ion Channel 7 (P2RX7); Recombinant Purinergic Receptor P2X; Ligand Gated Ion Channel 7; P2RX7 recombinant protein (prokaryotic); Human; P2X7; P2X Purinoceptor 7; ATP receptor; Purinergic receptor; P2RX7 recombinant protein

PRODUCT SPECIFICATIONS

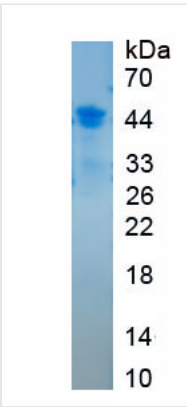
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ser47~Val334
Applicable Applications for P2RX7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.6
Subcellular Location	Membrane
Research Area	CD & Adhesion molecule
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

YQKEPVSS VHTKVGIAE VKEEIVENGV KKLVSFVDT ADYTFPLQGN
SFFVMTNFK TEGQEQLCP EYPTRTLCS SDRGCKGWM DPQSKGIQTG
RCVVVEGNQK TCEVSAWCP EAVEEAPRPA LLNSAENFTV LIKNNIDFPG
HNYTTRNLP GLNITCTFHK TQNPQCPIFR LGDIFRETGD NFSDAIQGG
IMGIEIYDC NLDRIWFHCR PKYSFRRLDD KTTNVSYPG YNFRYAKYYK
ENNVEKRTLI KVFGRFDIL VFGTGKFDI IQLV

SDKL

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

Gene sequencing chromatogram showing multiple overlapping peaks, indicating a complex sequence or potential contamination.

Sequence
Figure . Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for P2RX7 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300068987
NCBI GeneID	5027
NCBI Accession #	NP_002553.3
NCBI GenBank Nucleotide #	NM_002562.5
UniProt Accession #	Q99572; O14991; Q4VKH8; Q4VKH9; Q4VKI0; Q4VKI1; Q4VKI2; A8K2Z0; E7EMK6; F5H6P2; F5H7E8; F8W951
Molecular Weight	68,585 Da
NCBI Official Full Name	P2X purinoceptor 7
NCBI Official Synonym Full Names	purinergic receptor P2X, ligand-gated ion channel, 7
NCBI Official Symbol	P2RX7
NCBI Official Synonym Symbols	P2X7
NCBI Protein Information	P2X purinoceptor 7; ATP receptor; P2Z receptor; P2X7 receptor; purinergic receptor P2X7 variant A
UniProt Protein Name	P2X purinoceptor 7
UniProt Gene Name	P2RX7
UniProt Synonym Gene Names	P2X7
UniProt Entry Name	P2RX7_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.

