

Datasheet for ABIN7550542
P2RX3 Protein (AA 1-397) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	P2RX3
Protein Characteristics:	AA 1-397
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RX3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant P2RX3 Protein expressed in mammalian cells.
Sequence:	MNCISDFFTY ETTKSVVKS WTIGIINRVV QLLIISYFVG WVFLHEKAYQ VRDTAIESSV VTKVKGSGLY ANRVMDVSDY VTPPQGTSVF VIITKMIVTE NQMQGFCPES EEKYRCVSDS QCGPERLP GG GILTGRCVNY SSVLRTCEIQ GWCPTEVDTV ETPIMMEAEN FTIFIKNSIR FPLFNFEKGN LLPNL TARDM KTCRFHPDKD PFCPILRVGD VVKFAGQDFA KLARTGGVLG IKIGWVCDLD KAWDQCIPKY SFTRLDSVSE KSSVSPGYNF RFAKYYKMEN GSEYRTLLKA FGIRFDVLVY GNAGKFNIIP TIISSVAAFT SVGVGTVLCD IILLNFLKGA DQYKAKKFEE VNETTLKIAA LTNPVYPSDQ TTAEQSTDS GAFSIGH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	P2RX3
Alternative Name:	P2RX3 (P2RX3 Products)
Background:	P2X purinoceptor 3 (P2X3) (ATP receptor) (Purinergic receptor),FUNCTION: Receptor for ATP that acts as a ligand-gated cation channel (PubMed:27626375). Plays a role in sensory perception. Required for normal perception of pain. Required for normal taste perception (By similarity). {ECO:0000250 UniProtKB:Q3UR32, ECO:0000269 PubMed:27626375}.
Molecular Weight:	44.3 kDa
UniProt:	P56373

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months