

Datasheet for ABIN7557260
P2RX3 Protein (AA 1-397) (His tag)



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Overview

Quantity:	1 mg
Target:	P2RX3
Protein Characteristics:	AA 1-397
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RX3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat P2rx3 Protein expressed in mammalien cells.
Sequence:	<p>MNCISDFFTY ETTKSVVKS WTIGIINRAV QLLIISYFVG WVFLHEKAYQ VRDTAIESSV</p> <p>VTKVKGFGRY ANRVMDVSDY VTPPQGTSVF VIITKMIVTE NQMQGFCPEN EEKYRCVSDS</p> <p>QCGPERFPGG GILTGRCVNY SSVRRTCEIQ GWCPTEVDTV EMPIMMEAEN FTIFIKNSIR</p> <p>FPLNFEEKGN LLPNLTDKDI KKKCRFHPEKA PFCPILRVGD VVKFAGQDFA KLARTGGVLG</p> <p>IKIGWVCDLD KAWDQCIPKY SFTRLDGVSE KSSVSPGYNF RFAKYYKMEN GSEYRTLLKA</p> <p>FGIRFDVLVY GNAGKFNIIP TIISSVAAFT SVGVGTVLCD IILLNFLKGA DHYKARKFEE</p> <p>VTETTLKGTA STNPVFTSDQ ATVEKQSTDS GAYSIGH Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	Key Benefits:

Product Details

- 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.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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 (By similarity). Plays a role in sensory perception (PubMed:15961431, PubMed:16322458). Required for normal perception of pain (PubMed:15961431). Required for normal taste perception (PubMed:16322458). {ECO:0000250|UniProtKB:P56373, ECO:0000269|PubMed:15961431, ECO:0000269|PubMed:16322458}.

Molecular Weight: 44.4 kDa

UniProt: [Q3UR32](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

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