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Datasheet for ABIN7563169
P2RY2 Protein (AA 1-373) (His tag)

Overview

Quantity:	1 mg
Target:	P2RY2
Protein Characteristics:	AA 1-373
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RY2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat P2ry2 Protein expressed in mammalien cells.
Sequence:	MAADLEPWNS TINGTWEGDE LGYKCRFNEF FKYVLLPVSF GVVCLVGLCL NVVALYIFLC RLKTWNASTT YMFHLAVSDS LYAASLPLLV YYYARGDHWP FSTVLCKLVR FLFYTNLYCS ILFLTCSIVH RCLGVLRPLH SLRWGRARYA RRVAAVVWVL VLACQAPVLY FVTTSVRGTR ITCHDTSARE LFSHFVAYSS VMLGLLFAVP FSVILVCYVL MARRLLKPAY GTTGGLPRAK RKSVRTIALV LAVFALCFLP FHVTRTLYYF FRSLDLSCHT LNAINMAYKI TRPLASANSC LDPVLYFLAG QRLVRFARDA KPPTPTPSP QARRKGLHR PNRTVRKDLS VSSDDSRRTE STPAGSETKD IRL 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.
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
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Grade:	custom-made
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Target Details

Target:	P2RY2
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Alternative Name:	P2ry2 (P2RY2 Products)
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Background:	P2Y purinoceptor 2 (P2Y2) (ATP receptor) (P2U purinoceptor 1) (P2U1) (Purinergic receptor),FUNCTION: Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. The affinity range is UTP = ATP > ATP-gamma-S >> 2-methylthio-ATP = ADP.
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Molecular Weight:	42.2 kDa
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UniProt:	P35383
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Pathways:	Cellular Response to Molecule of Bacterial Origin, Smooth Muscle Cell Migration
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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.
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Restrictions:	For Research Use only
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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