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Datasheet for ABIN7561440  
**P2RY6 Protein (AA 1-328) (His tag)**

## Overview

Quantity:	1 mg
Target:	P2RY6
Protein Characteristics:	AA 1-328
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RY6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant P2ry6 Protein expressed in mammalian cells.
Sequence:	MEQDNGTIQA PGLPPTTCVY REDFKRLLLT PVYSVVLVVG LPLNICVIAQ ICASRRTLTR SAVYTLNLAL ADLMYACSLP LLIYNYARGD HWPFGDLACR FVRFLFYANL HGSILFLTCI SFQRYLGICH PLASWHKRGG RRAAWVVCGV VWLAVTAQCL PTAVFAATGI QRNRTVCYDL SPPILSTRYL PYGMALTVIG FLLPFIALLA CYCRMARRLC RQDGPAGPVA QERRSKAARM AVVVAAVFAI SFLPFHITKT AYLAVRSTPG VSCPVLETFA AAYKGTRPFA SVNSVLDPIL FYFTQQKFRR QPHDLLQRLT AKWQRQRV <b>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.</b>
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.
Characteristics:	Key Benefits:

## Product Details

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- 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)
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Grade:	custom-made
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## Target Details

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Target:	P2RY6
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Alternative Name:	P2ry6 ( <a href="#">P2RY6 Products</a> )
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Background:	P2Y purinoceptor 6 (P2Y6),FUNCTION: Receptor for extracellular UTP > ADP = 2-methylthio-ATP > ADP-beta-S > ATP = ATP-gamma-S. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Functionally coupled to phospholipase C (By similarity). {ECO:0000250}.
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Molecular Weight:	36.7 kDa
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UniProt:	<a href="#">Q9ERK9</a>
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Pathways:	<a href="#">Smooth Muscle Cell Migration</a>
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## Application Details

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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.
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Restrictions:	For Research Use only
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## Handling

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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