

Datasheet for ABIN7550334  
**P2RY1 Protein (AA 1-373) (His tag)**



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## Overview

Quantity:	1 mg
Target:	P2RY1
Protein Characteristics:	AA 1-373
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RY1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat P2RY1 Protein expressed in mammalian cells.
Sequence:	<p>MTEVLWPAVP NGTDAFLAG PGSSWGNSTV ASTAAVSSSF KCALTKTGFG FYFLPAVYIL</p> <p>VFIIGFLGNS VAIWMFVFHM KPWSGISVYM FNLALADFLY VLTLPALIFY YFNKTDWIFG</p> <p>DAMCKLQRFI FHVNLGYSIL FLTCISAHRY SGVVYPLKSL GRLKKKNAIC ISVLVWLIVV</p> <p>VAISPILFYS GTGVRKNKTI TCYDTTSDEY LRSYFIYSMC TTVAMFCVPL VLILGCYGLI</p> <p>VRALIYKDLD NSPLRRKSIY LVIIVLTVFA VSYIPFHVMK TMNLRARLDF QTPAMCAFND</p> <p>RVYATYQVTR GLASLNSCVD PILYFLAGDT FRRRLSRATR KASRRSEANL QSKSEDMTLN</p> <p>ILPEFKQNGD TSL <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></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: P2RY1

Alternative Name: P2RY1 ([P2RY1 Products](#))

Background: P2Y purinoceptor 1 (P2Y1) (ADP receptor) (Purinergic receptor),FUNCTION: Receptor for extracellular adenine nucleotides such as ADP (PubMed:9442040, PubMed:9038354, PubMed:25822790). In platelets, binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and ultimately platelet aggregation (PubMed:9442040). {ECO:0000269|PubMed:25822790, ECO:0000269|PubMed:9038354, ECO:0000269|PubMed:9442040}.

Molecular Weight: 42.1 kDa

UniProt: [P47900](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#), [Feeding Behaviour](#)

## 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

Application Details

	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