

Datasheet for ABIN7550544
P2RY12 Protein (AA 1-342) (His tag)



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Overview

Quantity:	1 mg
Target:	P2RY12
Protein Characteristics:	AA 1-342
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RY12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat P2RY12 Protein expressed in mammalien cells.
Sequence:	<p>MQAVDNL TSA PGNTSLCTRD YKITQVLFPL LYTVLFFVGL ITNGLAMRIF FQIRSKSNFI IFLKNTVISD LLMILTFPFK ILSDAKLG TG PLRTFVCQVT SVIFYFTMYI SISFLGLITI DRYQKTTRPF KTSNPKNLLG AKILSVVIWA FMFLSLPNM ILTNRQPRDK NVKKCSFLKS EFGLVWHEIV NYICQVIFWI NFLIVIVCYT LITKELYRSY VRTRGVGKVP RKKVNVK VFI IIAVFFICFV PFHFARIPYT LSQTRDVFDC TAENTLFYVK ESTLWLTSLN ACLDPFIYFF LCKSFRNSLI SMLKCPNSAT SLSQDNRKKE QDGGDPNEET PM 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.</p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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:	P2RY12
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Alternative Name:	P2RY12 (P2RY12 Products)
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Background:	<p>P2Y purinoceptor 12 (P2Y12) (ADP-glucose receptor) (ADPG-R) (P2T(AC)) (P2Y(AC)) (P2Y(cyc)) (P2Y12 platelet ADP receptor) (P2Y(ADP)) (SP1999),FUNCTION: Receptor for ADP and ATP coupled to G-proteins that inhibit the adenylyl cyclase second messenger system. Not activated by UDP and UTP. Required for normal platelet aggregation and blood coagulation.</p> <p>{ECO:0000269 PubMed:111104774, ECO:0000269 PubMed:11196645, ECO:0000269 PubMed:11502873, ECO:0000269 PubMed:12578987, ECO:0000269 PubMed:24670650, ECO:0000269 PubMed:24784220}.</p>
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Molecular Weight:	39.4 kDa
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UniProt:	Q9H244
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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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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