

Datasheet for ABIN7550737

PLEKHA3 Protein (AA 1-300) (His tag)



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Overview

Quantity:	1 mg
Target:	PLEKHA3
Protein Characteristics:	AA 1-300
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHA3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PLEKHA3 Protein expressed in mammalian cells.
Sequence:	<p>MEGVLYKWTN YLTGWQPRWF VLDNGILSY YDSQDDVCKGS KSGIKMAVCE IKVHSADNTR MELIIPGEQH FYMKAVNAAE RQRWLVALGS SKACLTDTRT KKEKEISETS ESLKTKMSEL RLYCDLLMQQ VHTIQEFVHH DENHSSPSAE NMNEASSLLS ATCNTFITTL EECVKIANAK FKPEMFQLHH PDPLVSPVSP SPVQMMKRSV SHPGSCSSER SSHSIKEPVS TLHRLSQRRR RTYSDTDSCS DIPLEDPDRP VHCSKNTLNG DLASATIP EE SRLMAKKQSE SEDTLPSFSS</p> <p>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
Grade:	custom-made

Target Details

Target:	PLEKHA3
Alternative Name:	PLEKHA3 (PLEKHA3 Products)
Background:	<p>Pleckstrin homology domain-containing family A member 3 (PH domain-containing family A member 3) (Phosphatidylinositol-four-phosphate adapter protein 1) (FAPP-1) (Phosphoinositol 4-phosphate adapter protein 1),FUNCTION: Plays a role in regulation of vesicular cargo transport from the trans-Golgi network (TGN) to the plasma membrane (PubMed:15107860). Regulates Golgi phosphatidylinositol 4-phosphate (PtdIns(4)P) levels and activates the PtdIns(4)P phosphatase activity of SACM1L when it binds PtdIns(4)P in 'trans' configuration (PubMed:30659099). Binds preferentially to PtdIns(4)P (PubMed:11001876, PubMed:15107860). Negatively regulates APOB secretion from hepatocytes (PubMed:30659099). {ECO:0000269 PubMed:11001876, ECO:0000269 PubMed:15107860, ECO:0000269 PubMed:30659099}.</p>
Molecular Weight:	33.9 kDa
UniProt:	Q9HB20

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