

Datasheet for ABIN7561445
PLEKHA3 Protein (AA 1-297) (His tag)



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Overview

Quantity:	1 mg
Target:	PLEKHA3
Protein Characteristics:	AA 1-297
Origin:	Mouse
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 mammalien cells.
Sequence:	MEGVLYKWTN YLTGWQPRWF VLDNGILSY Y DSQDDVCKGS KGSIKMAVCE IKVHPADNTR MELIIPGEQH FYMKAVNAAE RQRWLVALGS SKACLTDTRT AKEKEISETS ESLKTKMSEL RLYCDLLMQQ VHTIQEFVHR DERHPSPSVE NMNEASSLLS ATCNTFITTL EECVKIANAK FKPEMFQLPH PDPLVSPVSP SPVQMMKRSA SHPGSCSSER SSCSIKEPAS ALHRLPQRRR RTYSDTDSCN DVPPEDPERP LHCSGNTLNG DLASATIPEE SRLMAKTQSE EPLL PFS 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

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:	PLEKHA3
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Alternative Name:	Plekha3 (PLEKHA3 Products)
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Background:	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 (By similarity). 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 (By similarity). Binds preferentially to PtdIns(4)P (By similarity). Negatively regulates APOB secretion from hepatocytes (By similarity). {ECO:0000250 UniProtKB:Q9HB20}.
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Molecular Weight:	33.4 kDa
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UniProt:	Q9ERS4
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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
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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