

Datasheet for ABIN7557048

PLEKHF1 Protein (AA 1-279) (His tag)



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Overview

Quantity:	1 mg
Target:	PLEKHF1
Protein Characteristics:	AA 1-279
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Plekhf1 Protein expressed in mammalian cells.
Sequence:	<p>MVDHLANTEI NSQRIAAVES CFGASGQPLA LPGRVLLGEG VLTKECRKKA KPRIFFLFND ILVYGSIVLS KRKYRSQHII PLEEVTLLEPL PETLQAKNRW MIKTAKKSFV VSAASTTERQ EWISHIEECV RRQLLATGRQ PTTEHAAPWI PDKATDICMR CTQTRFSALT RRHHCRKCGF VVCAECSRER FLLPRLSPKP LRVCSLCYRE LAAQKLREEA REGIGGSPPQ LSHLGDTVCG ASSGDDDDSD EDREGNGDGD WPTQVEFYAS GVSWSAFHS 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.

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:	PLEKHF1
Alternative Name:	Plekhf1 (PLEKHF1 Products)
Background:	<p>Pleckstrin homology domain-containing family F member 1 (PH domain-containing family F member 1) (Lysosome-associated apoptosis-inducing protein containing PH and FYVE domains),FUNCTION: May induce apoptosis through the lysosomal-mitochondrial pathway. Translocates to the lysosome initiating the permeabilization of lysosomal membrane (LMP) and resulting in the release of CTSD and CTSL to the cytoplasm. Triggers the caspase-independent apoptosis by altering mitochondrial membrane permeabilization (MMP) resulting in the release of PDCD8 (By similarity). {ECO:0000250}.</p>
Molecular Weight:	31.2 kDa
UniProt:	Q3TB82

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