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Datasheet for ABIN7558113
PIP5KL1 Protein (AA 1-395) (His tag)

Overview

Quantity:	1 mg
Target:	PIP5KL1
Protein Characteristics:	AA 1-395
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP5KL1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pip5kl1 Protein expressed in mammalien cells.
Sequence:	MATPSLSR SHE IPAHSQEAGN KSISGSRRG LLWHLRARQS RVGLFEVGPGL HELHRMTRMM QEGLWAATQV SKNNPPTGPT TQKDYLEVMT QVHEEGFELG TLAGPAFARL RKSIGLTEED YQATLPGGDP YLQFFSTSKS KASFFLTHDQ RFFVKTQRRH EVHVLLAHLR RYVEHLQQYP HLLARLLGV YSLRVAQGKK KYFIIMQCIF YPTSRISERY DIKGCNISRW VDPAPEGSPL VLVLDLNFQ EKTMRLLGAQR SWFLRQMELD TAFLREVNVL DYSLLVAIQF LHEDEKGIHH SVFSTFKSIQ GVSKSKGTGD QNCRMLPDLP NALHILDGPD QRYFLGLVDM TTVYGFKRRL EHVWKMVRYP GQSVSTVSPA HYARRLCRWA EVHTE 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:

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
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Grade:	custom-made
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Target Details

Target:	PIP5KL1
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Alternative Name:	Pip5kl1 (PIP5KL1 Products)
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Background:	Phosphatidylinositol 4-phosphate 5-kinase-like protein 1 (PI(4)P 5-kinase-like protein 1) (PtdIns(4)P-5-kinase-like protein 1) (Phosphatidylinositol phosphate kinase homolog) (PIPKH),FUNCTION: May act as a scaffold to localize and regulate type I phosphatidylinositol 4-phosphate 5-kinases to specific compartments within the cell, where they generate PI(4,5)P2 for actin nucleation, signaling and scaffold protein recruitment and conversion to PI(3,4,5)P3. {ECO:0000269 PubMed:14701839}.
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Molecular Weight:	45.3 kDa
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UniProt:	Q6U7H8
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Pathways:	Inositol Metabolic Process
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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