

Datasheet for ABIN7557981
IPPK Protein (AA 1-489) (His tag)



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Overview

Quantity:	1 mg
Target:	IPPK
Protein Characteristics:	AA 1-489
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IPPK protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ippk Protein expressed in mammalien cells.
Sequence:	<p>MEEGKMDENE WSYHGEGNKS LVVAHAQRCV VLRFLKFPPN KKKTSEEILQ HLQNIIVDFGK NVMKDFLGEN YVHCGEVVQL PLEFVKQLCL KIQCERPESE CDKDLDTFSG YAMCLPNLTR LQTFHFAEHR PILCVEIKPK CGFIPFSNDV THEMKHKVCY YCMHQHLKVA TGKWKKISKY CPLDLYSGNK QRMHFALRSL LQETQNNLRI FKNGLIYGC GDARSPVADL KELAHHLKPF FFPSNGLASG PHCTKAVIRE LVHVITRVLL SSSEKARAGA LRLGLQGPRV CEASPFSSRL HNQGKNTSEH SGLPKGCLLY KTLQVQMLDQ LDIEGLYPLY KRVEQYLEEF PEERKTLQID GPYDEVFYQK LLDLSTEDDG TVAFALTKVQ QYRVAMTAKD CSIMIALSPC LQGTSSDQRP VIPSSRSRLA FSVSVLDL DLKPYESIPHQY KLDSKIVNYY SKTVHAKDDT VRSTRFKEHE DCTLVLHKV</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>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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).
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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:	IPPK
Alternative Name:	Ippk (IPPK Products)
Background:	Inositol-pentakisphosphate 2-kinase (EC 2.7.1.158) (Inositol-1,3,4,5,6-pentakisphosphate 2-kinase) (Ins(1,3,4,5,6)P5 2-kinase) (InsP5 2-kinase),FUNCTION: Phosphorylates Ins(1,3,4,5,6)P5 at position 2 to form Ins(1,2,3,4,5,6)P6 (InsP6 or phytate). InsP6 is involved in many processes such as mRNA export, non-homologous end-joining, endocytosis, ion channel regulation. It also protects cells from TNF-alpha-induced apoptosis. {ECO:0000269 PubMed:15939868}.
Molecular Weight:	55.9 kDa
UniProt:	Q6P1C1

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