

Datasheet for ABIN7548519
IPPK Protein (AA 1-491) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IPPK
Protein Characteristics:	AA 1-491
Origin:	Human
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 mammalian cells.
Sequence:	<p>MEEGKMDENE WGYHGEENKS LVVAHAQRCV VLRFLKFPPN RKKTSEEIFQ HLQNIVDFGK NVMKEFLGEN YVHYGEVVQL PLEFVKQLCL KIQSERPESR CDKDLDTLSG YAMCLPNLTR LQTYRFAEHR PILCVEIKPK CGFIPFSSDV THEMKHKVCY YCMHQHLKVA TGKWKQISKY CPLDLYSGNK QRMHFALKSL LQEAQNNLKI FKNGELIYGC KDARSPVADW SELAHLKPF FFPSNGLASG PHCTRAVIRE LVHVITRVLL SGSDKGRAGT LSPGLGPQGP RVCEASPFSSR SLRCQGKNTN ERSGLPKGCL LYKTLQVQML DLLDIEGLYP LYNRVERYLE EFPEERKTLQ IDGPYDEAFY QKLLDLSTED DGTVAFALTK VQYRVAMTA KDCEIMIALS PCLQDASSDQ RPVVPSSRSR FAFSVSVLDL DLKPYESIPH QYKLDGKIVN YYSKTVRAKD NAVMSTRFKE SEDCTLVLHK V 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).
------------------	--

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:	IPPK
Alternative Name:	IPPK (IPPK Products)
Background:	Inositol-pentakisphosphate 2-kinase (EC 2.7.1.158) (IPK1 homolog) (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:12084730, ECO:0000269 PubMed:15967797}.
Molecular Weight:	56.0 kDa
UniProt:	Q9H8X2

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
--------------------	--

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