

Datasheet for ABIN7558353
IP6K2 Protein (AA 1-448) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IP6K2
Protein Characteristics:	AA 1-448
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IP6K2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ip6k2 Protein expressed in mammalien cells.
Sequence:	MSPAFRTMDV EPRTKGILLE PFVHQVGGHS CVLRFNETTL CKPLVPREHQ FYETLPAEMR RFTPQYKAVL IFVRCADDFG ASGNIETKEQ GVSVRFEED EDNRLCLIAIY PLKGDHGTVD IVDNSDCEPK SKLLRWTNKK HHALETEKNP KDWVRQHRKE EKMKSHKLEE EFEWLKKSEV LYYSVEKKNV VSSQLKHYNP WSMKCHQQQL QRMKENAKHR NQYKFILLEN LTSRYEVPV LDLKMGRQH GDDASEEKAA NQIRKCCQST SAVIGVRVCG MQVYQAGTGQ LMFMNKYHGR KLSVQGFKEA LFQFFHNGRY LRRELLGPVL KKLTELKAVL ERQESYRFYS SLLVIYDGK EWPEVTLDS AEDLEDLSEE SADESAGAYA YKPIGASSVD VRMIDFAHTT CRLYGEDSVV HEGQDAGYIF GLQSLDIVT EISEESGE 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
---------	-----------------------------------------------------

Grade:	custom-made
--------	-------------

Target Details

Target:	IP6K2
---------	-------

Alternative Name:	Ip6k2 (IP6K2 Products)
-------------------	------------------------------------------

Background:	Inositol hexakisphosphate kinase 2 (InsP6 kinase 2) (EC 2.7.4.-) (P(i)-uptake stimulator) (PiUS),FUNCTION: Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5) (By similarity). May play a role in the regulation of Na(+)-dependent phosphate cotransport, possibly via its role in diphosphoinositol pentakisphosphate (InsP7/PP-InsP5) biosynthesis (By similarity). {ECO:0000250 UniProtKB:Q95221, ECO:0000250 UniProtKB:Q9UHH9}.
-------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Molecular Weight:	51.6 kDa
-------------------	----------

UniProt:	Q80V72
----------	------------------------

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.
--------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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