

Datasheet for ABIN7548556  
**IP6K1 Protein (AA 1-441) (His tag)**



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## Overview

Quantity:	1 mg
Target:	IP6K1
Protein Characteristics:	AA 1-441
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IP6K1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat IP6K1 Protein expressed in mammalian cells.
Sequence:	<p>MCVCQTMEVG QYGKNASRAG DRGVLLPEFI HQVGGHSSMM RYDDHTVCKP LISREQRFYE</p> <p>SLPPEMKEFT PEYKGVVSVCFEGDSDGYIN LVAYPYVESE TVEQDDTTER EQPRRKHSRR</p> <p>SLHRSGSGSD HKEEKASLSL ETSSESQEAK SPKVELHSHS EVPFQMLDGN SGLSSEKISH</p> <p>NPWSLRCHKQ QLSRMRSESK DRKLYKFLLL ENVVHHFKYP CVLDLKMGRTR QHGDDASAEK</p> <p>AARQMRKCEQ STSATLGVRV CGMQVYQLDT GHYLCRNKYY GRGLSIEGFR NALYQYLHNG</p> <p>LDLRRDLFEP ILSKLRGLKA VLERQASYRF YSSSLLVIYD GKECRAESCL DRRSEMRLKH</p> <p>LDMVLPEVAS SCGPSTSPSN TSPEAGPSSQ PKVDVRMIDF AHSTFKGFRD DPTVHDGPDR</p> <p>GYVFGLENLI SIMEQMRDEN Q <b>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.</b></p>
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: IP6K1

Alternative Name: IP6K1 ([IP6K1 Products](#))

Background: Inositol hexakisphosphate kinase 1 (InsP6 kinase 1) (EC 2.7.4.21) (Inositol hexaphosphate kinase 1),FUNCTION: Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.

Molecular Weight: 50.2 kDa

UniProt: [Q92551](#)

## 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.

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