

Datasheet for ABIN7548498
ILKAP Protein (AA 1-392) (His tag)



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Overview

Quantity:	1 mg
Target:	ILKAP
Protein Characteristics:	AA 1-392
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ILKAP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ILKAP Protein expressed in mammalian cells.
Sequence:	MDLFGDLPEP ERSRPAAGK EAQKGPLLFD DLPPASSTDS GSGGPLLFDD LPPASSGDSG SLATSISQMV KTEGKGAKRK TSEEEKNGSE ELVEKKVCKA SSVIFGLKGY VAERKGEREE MQDAHVILND ITEECRPPSS LITRVSYFAV FDGHGGIRAS KFAAQNLHQN LIRKFPKGDV ISVEKTVKRC LLDTFKHTDE EFLKQASSQK PAWKDGSTAT CVLAVDNILY IANLGDSRAI LCRYNEESQK HAALSLSKEH NPTQYEERM R IQKAGGNVRD GRVLGVLEVS RSIGDGQYKR CGVTSVPDIR RCQLTPNDRF ILLACDGLFK VFTPEEAVNF ILSCLEDEKI QTREGKSAAD ARYEAACNRL ANKAVQRGSA DNVTVMVVRI GH 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

ILKAP

Alternative Name:

ILKAP ([ILKAP Products](#))

Background:

Integrin-linked kinase-associated serine/threonine phosphatase 2C (ILKAP) (EC 3.1.3.16),FUNCTION: Protein phosphatase that may play a role in regulation of cell cycle progression via dephosphorylation of its substrates whose appropriate phosphorylation states might be crucial for cell proliferation. Selectively associates with integrin linked kinase (ILK), to modulate cell adhesion and growth factor signaling. Inhibits the ILK-GSK3B signaling axis and may play an important role in inhibiting oncogenic transformation. {ECO:0000269|PubMed:14990992}.

Molecular Weight:

42.9 kDa

UniProt:

[Q9H0C8](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
