

Product datasheet for **TP301456L**

ILKAP (NM_030768) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human integrin-linked kinase-associated serine/threonine phosphatase 2C (ILKAP), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201456 protein sequence Red =Cloning site Green =Tags(s)

MDLFGDLPEPERSPRPAAGKEAQKGPLLFDDLPPASSTDSGSGGPLLFDDLPPASSGDSGSLATSISQMV
KTEGKGAKRKTSEEEKNGSEELVEKKVCKASSVIFGLKGYVAERKGEREEMQDAHVILNDITEECRPPSS
LITRVSYFAVFDGHGGIRASKFAAQNLHQNLIRKFKGDVISVEKTVKRCLLDTFKHDTDEEFLKQASSQK
PAWKDGGSTATCVLAVDNILYIANLGDSTRAILCRYNEESQKHAALSLSKEHNPTQYEERMRIQKAGGNVRD
GRVLGVLEVSRSIGDGQYKRCGVTSVDPDIRRCQLTPNDRFILLACDGLFKVFTPEEAVNFILSCLEDEKI
QTREGKSAADARYEAACNRLANKAVQRGSADNVTVMVVRIGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	42.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_110395</u>



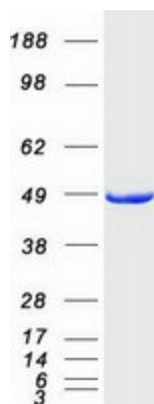
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Locus ID: 80895
UniProt ID: [Q9H0C8](#)
RefSeq Size: 1480
Cytogenetics: 2q37.3
RefSeq ORF: 1176
Synonyms: ILKAP2; ILKAP3; PP2C-DELTA; PP2CD; PPM1O

Summary: The protein encoded by this gene is a protein serine/threonine phosphatase of the PP2C family. This protein can interact with integrin-linked kinase (ILK/ILK1), a regulator of integrin mediated signaling, and regulate the kinase activity of ILK. Through the interaction with ILK, this protein may selectively affect the signaling process of ILK-mediated glycogen synthase kinase 3 beta (GSK3beta), and thus participate in Wnt signaling pathway. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified ILKAP protein (Cat# [TP301456]). The protein was produced from HEK293T cells transfected with ILKAP cDNA clone (Cat# [RC201456]) using MegaTran 2.0 (Cat# [TT210002]).