



Recombinant Human Integrin-linked kinase-associated serine/threonine phosphatase 2C (ILKAP)

Product Code	CSB-EP011686HU-B
Abbreviation	ILKAP
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9H0C8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDLFGDLPEP ERSRPAAGK EAQKGPLLFD DLPPASSTDS GSGGPLLFDD LPPASSGDSG SLATSISQMV KTEGKGAKRK TSEEEKNGSE ELVEKKVCKA SSVIFGLKGY VAERKGEREE MQDAHVILND ITEECRPPSS LITRVSYFAV FDGHGGIRAS KFAAQNLHQN LIRKFPKGDV ISVEKTVKRC LLDTFKHTDE EFLKQASSQK PAWKDGGSTAT CVLAVDNILY IANLGDSRAI LCRYNEESQK HAALSLSKEH NPTQYEERM IQKAGGNVRD GRVLGVLEVS RSIGDGQYKR CGVTSVDIR RCQLTPNDRF ILLACDGLFK VFTPEEAVNF ILSCLEDEKI QTREGKSAAD ARYEAACNRL ANKAVQRGSA DNVTVMVVRI GH
Source	E.coli
Target Names	ILKAP
Protein Names	Recommended name: Integrin-linked kinase-associated serine/threonine phosphatase 2C Short name= ILKAP EC= 3.1.3.16
Expression Region	1-392
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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