

Recombinant Full Length Human ILKAP Protein, GST-tagged

Cat. No. ILKAP-5797HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ILKAP full-length ORF (AAH06576, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	392 amino acids
Description	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]
Molecular Mass	68.86 kDa
AA Sequence	MDLFGDLPEPERSPRPAAGKEAQKGPLLFDDLPPASSTDSGSGGPLLFDDLPPASS GDSGSLATSISQMVKTEGKGAKRKTSEEEKNGSEELVEKKVCKASSVIFGLKGYVAE RKGEREEMQDAHVILNDITEECRPPSSLITRVSYFAVFDGHGGIRASKFAAQLNHQN LIRKFPKGDVISVEKTVKRCLLDTFKHTDEEFLKQASSQKPAWKDGGSTATCVLAVDNI LYIANLGDSRAILCRYNEESQKHAALSLSKEHNPTQYEERMRIQKAGGNVRDGRVLG VLEVSRSIGDGQYKRCGVTSVPDIRRCQLTPNDRFILLACDGLFKVFTPEEAVNFILS CLEDEKIQTREGKSAADARYEAACNRLANKAVQRGSADNVTVMVVRIGH

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ILKAP integrin-linked kinase-associated serine/threonine phosphatase [Homo sapiens]
Official Symbol	ILKAP
Synonyms	ILKAP; integrin-linked kinase-associated serine/threonine phosphatase; integrin linked kinase associated serine/threonine phosphatase 2C; integrin-linked kinase-associated serine/threonine phosphatase 2C; DKFZP434J2031; FLJ10181; protein phosphatase 2c, delta isozyme; integrin-linked kinase associated phosphatase; ILKAP2; ILKAP3; PP2C-DELTA; MGC4846; DKFZp434J2031;
Gene ID	80895
mRNA Refseq	NM_030768
Protein Refseq	NP_110395
MIM	618909

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UniProt ID

Q9H0C8

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