

Recombinant Human ILKAP, His-tagged

Cat. No. ILKAP-14217H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ILKAP protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-392a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	ILKAP integrin-linked kinase-associated serine/threonine phosphatase [Homo
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	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
UniProt ID	Q9H0C8
Chromosome Location	2q37.3
Function	hydrolase activity; metal ion binding; protein binding; protein serine/threonine phosphatase activity;

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