

Recombinant Human ILKAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ILKAP-1677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ILKAP MS Standard C13 and N15-labeled recombinant protein (NP_110395) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

42.9 kDa

AA Sequence

MDLFGDLPEPERSPRPAAGKEAQKGPLLFDLPPASSTDSGSGGPLLFDLPPASS
 GDSGLSATSISQMVKTEGKGAKRKTSEEEKNGSEELVEKKVCKASSVIFGLKGYVAE
 RKGEREEMQDAHVILNDITEECRPPSSLITRVSYFAVFDGHGGIRASKFAAQLNHQN
 LIRKFKGDVISVEKTVKRCLLDTFKHTDEEFLKQASSQKPAWKDGGSTATCVLAVDNI
 LYIANLGDSRAILCRYNEESQKHAALSLSKEHNPTQYEERMRIQKAGGNVRDGRVLG
 VLEVRSIGDGGQYKRCGVTSVPDIRRCQLTPNDRFILLACDGLFKVFTPEEAVNFILS
 CLEDEKIQTREGKSAADARYEAACNRLANKAVQRGSADNVTVMVVRIGHTRTRPLE

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QKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ILKAP integrin-linked kinase-associated serine/threonine phosphatase [Homo sapiens (human)]

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

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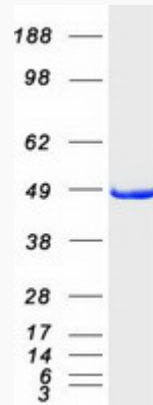
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MIM 618909

UniProt ID Q9H0C8

SDS-PAGE



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