Recombinant Mouse Ilkap Protein, Myc/DDK-tagged

Cat. No. Ilkap-3526M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length integrin-linked kinase-associated serine/threonine phosphatase 2C (Ilkap), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein phosphatase that may play a role in regulation of cell cycle progression via dephosphorylation of its substrates whose appropriate phosphorylation states might be crucial for cell proliferation. Selectively associates with integrin linked kinase (ILK), to modulate cell adhesion and growth factor signaling. Inhibits the ILK-GSK3B signaling axis and may play an important role in inhibiting oncogenic transformation.
Molecular Mass	42.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ilkap integrin-linked kinase-associated serine/threonine phosphatase 2C [Mus musculus (house mouse)]
Official Symbol	Ilkap
Synonyms	ILKAP; integrin-linked kinase-associated serine/threonine phosphatase 2C; PP2C-DELTA; 0710007A14Rik; 1600009O09Rik
Gene ID	67444
mRNA Refseq	NM_023343
Protein Refseq	NP_075832
UniProt ID	Q8R0F6

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