

## Recombinant Mouse Ilkap Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	42.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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