

## Product datasheet for TP506110

### Ilkap (NM\_023343) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse integrin-linked kinase-associated serine/threonine phosphatase 2C (Ilkap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206110 protein sequence Red=Cloning site Green=Tags(s)

MDLFGDLPEPERAPRPSAGKEAQGRPVLFEDLPPASSTDSGSGGPLLFDDLPPAASGNSGSLATSGSQV  
KTEGKGAKRKAPEEEKNGGEELVEKKVCKASSVIFGLKGVAERKGEREEMQDAHVILNDITQECNPPSS  
LITRVSYFAVFDGHGGIRASKFAAQNLHQNLRKFKGDIISVEKTVKRCLLDTFKHTDEEFLKQASSQK  
PAWKDGGSTATCVLAVDNILYIANLGDSTRAILCRYNEESQKHAALSLSKEHNPTQYEERMRIQKAGGNVRD  
GRVLGVLEVSRSIGDGQYKRCGVTSVPDIRRCQLTPNDRFILLACDGLFKVFTPEEAVNFILSCLEDDKI  
QTREGKPAVDARYEAACNRLANKAVQRGSADNVTVMVVRIGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_075832</a>
Locus ID:	67444
UniProt ID:	<a href="#">Q8R0F6</a>



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RefSeq Size: 1368

Cytogenetics: 1 D

RefSeq ORF: 1179

Synonyms: 0710007A14Rik; 1600009O09Rik; PP2C-DELTA

**Summary:** 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 (By similarity).[UniProtKB/Swiss-Prot Function]