

Product datasheet for **TP318122L**

MLIP (NM_138569) Human Recombinant Protein

Product data:

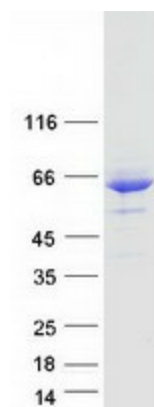
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 6 open reading frame 142 (C6orf142), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218122 representing NM_138569 Red =Cloning site Green =Tags(s)
	<p>MELEKREKRSLNKNLEEKLTVSAGGSEAKPLIFTFVPTVRRLPHTHTQLADTSKFLVKIPEESSDKSPET VNRKSNLYLTNAGSQQERDQAKLTCPEVSGTILQEREFEANKLQGMQQSDFKAEYVLIVDSEGEDE AASRKVEQGPPGGIGTAAVRPKSLAISSSLVSDVVRPKTQGTDLKTSSHPPEMLHGMAPQQKHGQYKTKS SYKAFAAIPTNTLLLEQKALDEPAKTESVSKDNTLEPPVELYFPAQLRQQTEELCATIDKVLQDSLMSHS SDSPSRSPKTLTGSDTVKTPPTLPRAAGRETKYANLSSPSSTVSESQLTKEGVRPVPVKSRILLKKEEE VYEPNPFKYLEDNSDLFSEQDVTVPKPVSLHPLYQTKLYPPAKSLLHPQTLSHADCLAPGPFSHLSFS LSDEQENSHTLLSHNACNKLSPMVAIPEHEALDSKEQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	50.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_612636</u>



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Locus ID:	90523
UniProt ID:	Q5VWP3
RefSeq Size:	1740
Cytogenetics:	6p12.1
RefSeq ORF:	1374
Synonyms:	C6orf142; CIP
Summary:	Required for precocious cardiac adaptation to stress through integrated regulation of the AKT/mTOR pathways and FOXO1. Regulates cardiac homeostasis and plays an important role in protection against cardiac hypertrophy. Acts as a transcriptional cofactor, represses transactivator activity of ISL1 and MYOCD.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MLIP protein (Cat# [TP318122]). The protein was produced from HEK293T cells transfected with MLIP cDNA clone (Cat# [RC218122]) using MegaTran 2.0 (Cat# [TT210002]).