

Product datasheet for TP514422

MIip (NM_027150) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse muscular LMNA-interacting protein (MIip), transcript variant 32, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214422 representing NM_027150 Red =Cloning site Green =Tags(s) MEFGKHEPGSSSLKRKNLEEGVTFEYSDHMTFSSESKQERVQRILDYPSEVSGRNSQQKEFNTKEPQGM Q KGDLFKAIEYVFIVDSGDGEDEATCRQGEQGPPGGPGNIATRPKSLAISSSLASDVWRPKVRGADLKTSSHP EIPHGIA PQQKHGLALDEPARTESNSKASVLDLPVEHSSDSPSRPPQ TMLGSETIKPTTTHPRAAGRETK YANLSSSSSTASESQLTKPGVIRPVVKSKLLLRKDEEVYEPNPF SKYLEDNSGLFSEQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	29.9 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:	NP_081426
Locus ID:	69642
UniProt ID:	Q5FW52


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RefSeq Size:	1224
Cytogenetics:	9 D
RefSeq ORF:	807
Synonyms:	2310046A06Rik; AI931782; 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 (PubMed:26359501, PubMed:22343712, PubMed:26436652). Acts as a transcriptional cofactor, represses transactivator activity of ISL1 and MYOCD (PubMed:22343712).[UniProtKB/Swiss-Prot Function]