

Recombinant Mouse Mlip Protein, Myc/DDK-tagged

Cat. No. Mlip-4090M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length muscular LMNA-interacting protein (Mlip), transcript variant 32, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	29.9 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Mlip muscular LMNA-interacting protein [Mus musculus (house mouse)]
Official Symbol	Mlip
Synonyms	Mlip; muscular LMNA-interacting protein; C; CIP; AI931782; 2310046A06Rik; muscular LMNA-interacting protein; cardiac Isl1-interacting protein; muscular-enriched A-type laminin-interacting protein
Gene ID	69642
mRNA Refseq	NM_027150
Protein Refseq	NP_081426
UniProt ID	Q5FW52

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