

Product datasheet for TP511106

Limch1 (BC075634) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse LIM and calponin homology domains 1 (cDNA clone MGC:100029 IMAGE:30544497), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211106 protein sequence Red =Cloning site Green =Tags(s)

MHKTCTIRSFIRDFYRILFTCARPSIMSDDAESTSMFDMRCEEEAAVLPHSRARQEQLQPEPPPEPAFAE
AQKWIEQVTGRSFGDKDFRTGLENGILLCELLNAIKPGLVKKINRLPTPIAGLDNTILFLRGCKELGLKE
SQLFDPDDLQDTSNRVTVKNLDYSRKLKNVLVTIYWLGAANSASYGGTTLNLKEFEGLLAQMRKETDD
IDSPKRSIRDSGYIDCWDSERSDSLSPPRHGREDGTSERRKSIKTYREIVQEKERRERELHEAYKNARSQ
EEAEGILQQYIERFTISEAVLERLEMPKILERSHSTEPNVSSFPNDPSPMKYLQQSLPPPFTATVETT
IARTSVPESIASAGTGSPSKIITPNTVPMMLTPRPYSQPKNSQEVKTKFKVDGKVMNGEMAPGDEEGKEK
EGPAAAAPGPSLTKSQMFEGVATVHDSPVQVKQGSNSIEINIKKPNAPQELTAASEETESNGQEDEDGE
ERPGTGDLEPDSAEPQHFTTTVTRCSPTVALVEFSPNPQLKNEVPEQGQKKPEDEMMSGKVELVLSQKVAK
PKSPEPEATLTFPFLDKMPETNQLHLPNPSSQADSPSEKSPGSTPFKFWAWDPEEERRRQEKWQQEQER
LLQERYQKEQDKLKEEWEKAQKEVEEEERRYYEERKIIDTVVPFTISSSSADQLSTSLVTEGSGTRN
KMDLENCDPKENERRQKTPFQENDGDSLLKTREGGLPEEQSLTPSPSANPEISVSKGIHQDPQLEAEGA
PHCGTNPQPAQDPPRNQQIPNPPTSTSEDVKPKTLALEKTINHQMESPGERRKSISGKKLCSGLTLGK
GAAMIETLNLVYFHIQCFCRCGICKGQLGDAVSGTDVIRNGLLNCTDCYMRSRSAGQPTTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	100.7 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



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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.
Locus ID:	77569
UniProt ID:	Q3UH68
RefSeq Size:	4698
Cytogenetics:	5 C3.1
RefSeq ORF:	2703
Synonyms:	mKIAA1102
Summary:	Actin stress fibers-associated protein that activates non-muscle myosin IIa. Activates the non-muscle myosin IIa complex by promoting the phosphorylation of its regulatory subunit MRLC/MYL9. Through the activation of non-muscle myosin IIa, positively regulates actin stress fibers assembly and stabilizes focal adhesions. It therefore negatively regulates cell spreading and cell migration.[UniProtKB/Swiss-Prot Function]