

Recombinant Mouse Limch1 Protein, Myc/DDK-tagged

Cat. No. Limch1-3782M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length LIM and calponin homology domains 1 (cDNA clone MGC:100029 IMAGE:30544497), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	100.7 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Limch1 LIM and calponin homology domains 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Limch1](#)

Synonyms Limch1; LIM and calponin homology domains 1; mKIAA1102; 3732412D22Rik; LIM and calponin homology domains-containing protein 1

Gene ID [77569](#)

mRNA Refseq [NM_001001980](#)

Protein Refseq [NP_001001980](#)

UniProt ID [Q3UH68](#)

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