

Recombinant Mouse Limk1 Protein, MYC/DDK-tagged

Cat. No. Limk1-1320M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse LIM-domain containing, protein kinase (Limk1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the LIM kinase family of proteins. This protein is a serine/threonine kinase that regulates actin polymerization via phosphorylation and inactivation of the actin binding factor cofilin. This protein also stimulates axon growth and may play a role in brain development. Homozygous knockout mice for this gene exhibit reduced bone mass, abnormal neuronal morphology and altered synaptic function. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.
Molecular Mass	73.2 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 g/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name [Limk1 LIM-domain containing, protein kinase \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Limk1](#)

Synonyms Limk1; LIM-domain containing, protein kinase; Limk; KIZ-1; LIMK-1; LIM domain kinase 1; EC 2.7.11.1

Gene ID [16885](#)

mRNA Refseq [NM_010717](#)

Protein Refseq [NP_034847](#)

UniProt ID [P53668](#)

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