

Product datasheet for **TP525384**

Limk1 (NM_010717) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse LIM-domain containing, protein kinase (Limk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225384 representing NM_010717 Red=Cloning site Green=Tags(s)

MRLTLLCCTWREERMGEEGSELPVCASCGQRIYDGGQYLQALNADWHADCFRCCECSVLSHQYYEKDGGQL
FCKKDYWARYGESCHGCSEHITKGLVMVAGELKYHPECFICLACGNFIGDGDYTLVEHSKLYCGQCYQQ
TVVTPVIEQILPDSPGSHLPHTVTLVSIPASAHGKRGLSVSIDDPPHGGPGCGTEHSHTVRVQGVDPGCMS
PDVKNSIHVGDRIEINGTPIRNVPLDEIDLLIQETSRLQLTLEHDPHDSLGHGVPVSDPSPLSSPVHTP
SGQAASSARQKPVLRSCSIDTSPGTSSLASPASQRKDLGRSESLRVVCRPHRIFRPSDLIHGEVLGKGC
GQAIKVTHRETGEVMVMKELIRFDEETQRTFLKEVKVMRCLEHPNVLFKIGVLYKDKRLNFITEYIKGGT
LRGIIKNMDSQYPWSQRVSFAKDIASGMAYLHSMNIIHRDLNSHNCLVRENRRVAVDFGLARLMIDEKN
QSEDLRSLKPKXXRKKRYTVVGNPYWMAPEMINGRSYDEKVDVFSFGIVLCEIIGRVNADPDYLPRTMDF
GLNVRGFLDRYCPNCPSPFFPITVRCCDLDPKRPFSVKLEQWLETLMHLSGHLPLGPQLEQLERGF
ETYRRGESSLPAHPEVPD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	73.2 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.



[View online »](#)

RefSeq: [NP_034847](#)

Locus ID: 16885

UniProt ID: [P53668](#), [Q3UR47](#)

RefSeq Size: 3323

Cytogenetics: 5 G2

RefSeq ORF: 1944

Synonyms: KIZ-1; Limk; LIMK-1

Summary: 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. [provided by RefSeq, Apr 2015]