

Product datasheet for PH324539

LPP (NM_005578) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LPP MS Standard C13 and N15-labeled recombinant protein (NP_005569)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224539
Predicted MW:	65.7 kDa
Protein Sequence:	>RC224539 protein sequence Red=Cloning site Green=Tags(s)

MSHPSWLPPKSTGEPLGHVPARMETTHSFGNPSISVSTQQPPKFFAPVVAPKPKYNPYKQPGGEGDFLPP
PPPPLDDSSALPSISGNFPPPPPLDEEAFKVQGNPGGKLEERRSSDAEIDSLTSILADLECSSPYKPR
PPQSSTGSTASPPVSTPVTGHKRMVIPNQPLTATKKSTLKPQAPQAGPIPVAPIGTLKPQPVPVASY
TTASTSSRPTFNVQKSAQPSPHYMAAPSSGQIYGSGPQGYNTQVPVSVGGCPPPSTRGGMDYAYIPPPG
LQPEPGYGYAPNQGRYYEGYYAAGPGYGRNDSPTYGQQGHPNTWKREPGYTPPGAGNQNPMPGMYPTG
PKKTYITDPVSAPCAPPLQPKGGHSGQLGPSSVAPSRPEDELEHLTKKMLYDMENPPADEYFGRCARCG
ENVVGEGTGCTAMDQVFHVDCFTCIICNNKLRGQPFYAVEKKAYCEPCYINTLEQCNVCSKPIMERILRA
TGKAYHPHCFTCYMCHRSLDGIPTVDAGGLIHCIEDFHKKFAPRCSVCKEPIMPAPGQEETVRIVALDR
DFHVHCYRCEDCGLLSEGNQGCYPLDGHILCKTCNSARIRVLTAKASTDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005569
RefSeq Size:	18296
RefSeq ORF:	1836



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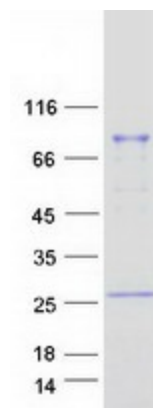
Locus ID: 4026

UniProt ID: [Q93052](#)

Cytogenetics: 3q27.3-q28

Summary: This gene encodes a member of a subfamily of LIM domain proteins that are characterized by an N-terminal proline-rich region and three C-terminal LIM domains. The encoded protein localizes to the cell periphery in focal adhesions and may be involved in cell-cell adhesion and cell motility. This protein also shuttles through the nucleus and may function as a transcriptional co-activator. This gene is located at the junction of certain disease-related chromosomal translocations, which result in the expression of chimeric proteins that may promote tumor growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Product images:



Coomassie blue staining of purified LPP protein (Cat# [TP324539]). The protein was produced from HEK293T cells transfected with LPP cDNA clone (Cat# [RC224539]) using MegaTran 2.0 (Cat# [TT210002]).