

Product datasheet for PH300712

LSP1 (NM_002339) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LSP1 MS Standard C13 and N15-labeled recombinant protein (NP_002330)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200712
Predicted MW:	37.2 kDa
Protein Sequence:	>RC200712 protein sequence Red=Cloning site Green=Tags(s) MAEASSDPGAEEEREELLGPTAQWSVEDEEEAVHEQCQHERDRQLQAQDEEGGGHVPERPKQEMLLSLKPS EAPELDEDEGFGDWSQRPEQRQQHEGAQGTLDGSEPPQCRSPEGEQEDRPLHAYEKEDSDEVHLEELSL SKEGPGPEDTVQDNLGAAGAEQEEHQKQCPRTSPPLVLEGTIEQSSPPLSPTTKLIDRTESLNRSIE KSNSVKKSQPDLPISKIDQWLEQYTAIETAGRTPKLARQASIELPSMAVASTKSRWETGEVQAQSAAKT PSCKDIVAGDMSKKSLWEQKGGSKTSSTIKSTPSGKRYKFVATGHGKYEVLVEGGPAP 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:	<u>NP_002330</u>
RefSeq Size:	1756
RefSeq ORF:	1017
Synonyms:	pp52; WP34
Locus ID:	4046



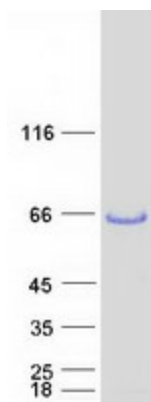
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UniProt ID: [P33241](#)

Cytogenetics: 11p15.5

Summary: This gene encodes an intracellular F-actin binding protein. The protein is expressed in lymphocytes, neutrophils, macrophages, and endothelium and may regulate neutrophil motility, adhesion to fibrinogen matrix proteins, and transendothelial migration. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified LSP1 protein (Cat# [TP300712]). The protein was produced from HEK293T cells transfected with LSP1 cDNA clone (Cat# [RC200712]) using MegaTran 2.0 (Cat# [TT210002]).