

Recombinant Human LSP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LSP1-1717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LSP1 MS Standard C13 and N15-labeled recombinant protein (NP_002330) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	37.2 kDa
AA Sequence	MAEASSDPGAEEREELLGPTAQWSVEDEEEAVHEQCQHERDRQLQAQDEEGGGH VPERPKQEMLLSLKPSEAPELDEDEGFGDWSQRPEQRQQHEGAQGTLDSGEPPQ CRSPEGEQEDRPLHAYEKEDSDEVHLEELSLSKEGPGPEDTVQDNLGAAGAE QEEHQKCQQPRTPSPLVLEGTIEQSSPPLSPTTKLIDRTESLNRSEKSNVKKSQPD LPISKIDQWLEQYTQAIETAGRTPKLARQASIELPSMAVASTKSRWETGEVQAQSAA KTPSCKDIVAGDMSKSLWEQKGGSKTSSTIKSTPSGKRYKFVATGHGKYEKVLVE GGPAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

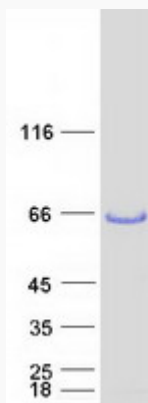
Gene Name	LSP1 lymphocyte-specific protein 1 [Homo sapiens (human)]
Official Symbol	LSP1
Synonyms	LSP1; lymphocyte-specific protein 1; WP34; 52 kDa phosphoprotein; 47 kDa actin binding protein; 47 kDa actin-binding protein; leukocyte-specific protein 1; lymphocyte-specific antigen WP34; leufactin (leukocyte F-actin binding protein); F-actin binding and cytoskeleton associated protein; pp52;
Gene ID	4046
mRNA Refseq	NM_002339
Protein Refseq	NP_002330
MIM	153432
UniProt ID	P33241

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SDS-PAGE



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