

Recombinant Human LSP1

Cat. No. LSP1-29147TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 240-338 of Human LSP1 with an N terminal proprietary tag, Predicted MWt 36.52 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
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 Weight	36.520kDa inclusive of tags
Tissue specificity	Activated T-lymphocytes.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	TAGRTPKLARQASIELPSMAVASTKSRWETGEVQAQSAAKTPSCKDIVAGDMSKKS LWEQKGGSKTSSTIKSTPSGKRYKRVATGHGKYEKVLVEGGPA
GENE INFORMATION	
Gene Name	LSP1 lymphocyte-specific protein 1 [Homo sapiens]
Official Symbol	LSP1
Synonyms	LSP1; lymphocyte-specific protein 1; WP34;
Gene ID	4046
mRNA Refseq	NM_001013253
Protein Refseq	NP_001013271
MIM	153432
Uniprot ID	P33241
Chromosome Location	11p15.5
Pathway	Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem; p38 signaling mediated by MAPKAP kinases, organism-specific biosystem;
Function	actin binding; signal transducer activity;

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