Recombinant Human LSP1 protein, GST-tagged

Cat. No. LSP1-2114H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSP1 protein(1-339 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-339 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAEASSDPGAEEREELLGPTAQWSVEDEEEAVHEQCQHERDRQLQAQDEEGGGH VPERPKQEMLLSLKPSEAPELDEDEGFGDWSQRPEQRQQHEGAQGTLDSGEPPQ CRSPEGEQEDRPGLHAYEKEDSDEVHLEELSLSKEGPGPEDTVQDNLGAAGAEEE QEEHQKCQQPRTPSPLVLEGTIEQSSPPLSPTTKLIDRTESLNRSIEKSNSVKKSQPD LPISKIDQWLEQYTQAIETAGRTPKLARQASIELPSMAVASTKSRWETGEVQAQSAA KTPSCKDIVAGDMSKKSLWEQKGGSKTSSTIKSTPSGKRYKFVATGHGKYEKVLVE GGPAP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	LSP1 lymphocyte-specific protein 1 [Homo sapiens]
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_001013253
Protein Refseq	NP_001013271
MIM	153432
UniProt ID	P33241
SDS-PAGE	

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