

Product datasheet for **SC335003**

LSP1 (NM_001289005) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LSP1 (NM_001289005) Human Untagged Clone
Tag:	Tag Free
Symbol:	LSP1
Synonyms:	pp52; WP34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001289005, the custom clone sequence may differ by one or more nucleotides

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ATGCTCCTCAGCCTGAAGCCCTCGGAGGCCCTGAACTGGATGAGGACGAGGGCTTTGGCGACTGGTCCC
AGAGGCCAGAGCAGCGGCAGCAGCACGAGGGGGCGCAGGGCGCCTTGGACAGCGGAGAGCCCCCAGTG
CAGGAGTCTGAGGGGAGCAAGAGGACAGGCCCGGCCTGCATGCCTACGAAAAGGAGGACAGTGATGAA
GTCCACCTGGAGGAGTTGAGTCTGAGCAAGGAGGGGCCAGGCCCAGAGGACACTGTCCAGGACAACCTGG
GGCCCGCAGGGGCTGAGGAGAACAGGAGGAGCACCAGAAATGTCAGCAGCCAGGACACCCAGCCCTT
GGTCTTGGAGGGGACCATCGAACAGAGCTCGCCTCCCTGAGCCCTACCACCAAACCTCATCGACAGGACC
GAGTCCCTAAACCGCTCCATAGAGAAGAGTAACAGTGTGAAGAAATCCCAGCCAGACTTGCCCATCTCCA
AGATTGATCAGTGGCTGGAACAATACACCCAGGCCATCGAGACCGCTGGCCGGACCCCCAAGCTAGCCCG
CCAGGCCCTCCATAGAGCTGCCAGCATGGCTGTGGCCAGTACCAAGAGTCGGTGGGAGACGGGTGAGGTA
CAGGCTCAGTCTGCGGCCAAGACTCCGTCCTGCAAGGATATTGTGGCTGGAGACATGAGCAAGAAAAGCC
TCTGGGAGCAGAAGGGAGGCTCCAAGACCTCATCAACAATTAAGAGCACCCCATCTGGGAAGAGGTATAA
GTTTGTGGCCACCGGCATGGGAAGTATGAGAAGGTGCTTGTGGAAGGGGGCCCGGCTCCCTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001289005
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001289005.1, NP_001275934.1</u>
RefSeq Size:	1882 bp
RefSeq ORF:	834 bp
Locus ID:	4046
UniProt ID:	<u>P33241</u>
Cytogenetics:	11p15.5
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (6) contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 5. The resulting isoform (2) has a shorter N-terminus, compared to isoform 3. Variants 2, 3, 4 and 6 encode the same protein (isoform 2).</p>