

Product datasheet for **SC331931**

LSP1 (NM_001242932) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LSP1 (NM_001242932) Human Untagged Clone
Tag: Tag Free
Symbol: LSP1
Synonyms: pp52; WP34
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331931 representing NM_001242932.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTCCGATCTGGTCCCCACCTGGCAGGGTCTCCGGCTGTCACCTGAGTTCAGGACCAGCACCAGGA  
TCTGCAGTGGGCCCTGGCTGGGCACACCTCATCCCAGCCTCCCCCTACCCCTGGCCCCCATAAGCCT  
CCTCCTCTGGGCTTCCAGGCTCTGCTGGTCAGACCTCCCTCCCTGCCAACGGGAATGTGTTTTCCA  
GGGACGCTGCTGCCACCAGGAGCTCTGTGGCTGGGATTTGAGGAGTGCCTGGGGTCAATCCCCAG  
GCTCACCAGTGTACTTAACAAATGGGCCAAGAGAAGGAAGTGCAGCCCCGGAGGAGGGGCAGAGCC  
CCTGCCTGGCTGTGCGGTGGCTACCCCTTGTACCAGGGGCTCGGCCATGAGCATCCGTCCAGCGGG  
CCCAGCACCAACTGCAGCCCAGGCCACTGCTCAGTGGAGCGTGGAGGACGAGGAGGAGCCGTCCAC  
GAGCAATGCCAGCATGAGAGAGACAGGCAGCTTACGGCCAGGACGAGGAGGGAGGCGGCCATGTCCCC  
GAGCGGCCGAAGCAGGAGATGCTCCTCAGCCTGAAGCCCTCGGAGGCCCTGAACTGGATGAGGACGAG  
GGCTTTGGCGACTGGTCCCAGAGGCCAGAGCAGCGGCAGCAGCAGAGGGGGCGCAGGGCGCCTTGGAC  
AGCGGAGAGCCCCCAGTGCAGGAGTCTGAGGGGAGCAAGAGGACAGGCCCGGCCTGCATGCCTAC  
GAAAAGGAGGACAGTGTGAAGTCCACCTGGAGGAGTTGAGTCTGAGCAAGGAGGGGCCAGGCCAGAG  
GACACTGTCCAGGACAACCTGGGGCGCAGGGGCTGAGGAGAACAGGAGGAGCACCAGAAATGTCAG  
CAGCCCAGGACACCCAGCCCCTTGGTCTTGGAGGGGACCATCGAACAGAGCTCGCCTCCCCTGAGCCCT  
ACCACCAAATCATCGACAGGACCGAGTCCCTAAACCGCTCCATAGAGAAGAGTAACAGTGTGAAGAAA  
TCCCAGCCAGACTTGCCATCTCCAAGATTGATCAGTGGCTGGAACAATACACCCAGGCCATCGAGACC  
GCTGGCCGGAACCCCAAGCTAGCCCGCAGGCCTCCATAGAGCTGCCAGCATGGCTGTGGCCAGTACC  
AAGAGTCGGTGGGAGACGGGTGAGGTACAGGCTCAGTCTCGGCCAAGACTCCGTCTGCAAGGATATT  
GTGGCTGGAGACATGAGCAAGAAAAGCCTCTGGGAGCAGAAGGGAGGCTCCAAGACCTCATCAACAATT  
AAGAGCACCCATCTGGGAAGAGGTATAAGTTTGTGGCCACCGGGCATGGGAAGTATGAGAAGGTGCTT  
GTGGAAGGGGGCCCGCTCCCTAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001242932
Insert Size: 1404 bp



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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).
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_001242932.1</u>
RefSeq Size:	2036 bp
RefSeq ORF:	1404 bp
Locus ID:	4046
UniProt ID:	<u>P33241</u>
Cytogenetics:	11p15.5
MW:	50.4 kDa
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 (5) represents the longest transcript and encodes the longest isoform (3). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>