

## Product datasheet for **MC227025**

### Lsp1 (NM\_001271508) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lsp1 (NM_001271508) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lsp1
Synonyms:	Lsp-1; p50; pp52; WP34
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227025 representing NM_001271508 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAATGGCCCCGACTCCTGAGGAGAAATGCTAGCAAACGGGGCTGGAGAAGCTGCTGAGGCTCACAA  
CTCAGTGGAGAGAAGAAGACGAGGAAGAGGCTGCCGTGAGCAGCGTCAACGGGAGCGAGAGGGCAGCT  
ACAGGACCAGGACAAAGATAAAGAAGATGATGGTGGCCATTCCCTGGAACAGCCAGGACAGCAGACTC  
ATCAGCCTGAAGTCTCTGAACTGGATGAAGATGAGGGTTTTGGTGAAGTGGTCCCAAAAGCCGGAGCCAC  
GGCAGCAATTCTGGGGGAATGAGGGGACTGCAGAAGGGACTGAACCCCTCTCAAAGCGAGAGACCAGAGGA  
GAAACAAACAGAGGAGAGTTCTACCAAGCCAAAGTCCACTTGGAGGAGTCAAACCTGAGCTACAGGGAG  
CCCAGTCCAGAGGATGCTGTTGGGGTTCTGGGGAGGCGGAAGAGGTGAGGACCCCGAGCCCTTTGGCCT  
TAGAAGACACCGTTGAGCTGAGTTCACCTCCCTGAGCCCTACCACAACTGGCTGATAGGACCGAGTC  
CCTGAACCGCTCCATTAAGAGCAACAGTGTGAAGAAGTCTCAACCAACCTTGCCATTTCCACAATT  
GATGAACGCTGCAGCAGTATACCCAGGCCACTGAGTCTTCTGGCCGAACCTCTAAGCTGTCCCGCCAGC  
CCTCCATAGAGCTGCCAGCATGGCCGTAGCCAGTACCAAGACTTTGGGAAACAGGAGAAGTGCAGAG  
TCAGTCTGCTTCTAAGACACCCCTCTGCCAGGATATAGTAGCTGGAGACATGAGCAAGAAAAGTCTGTGG  
GAGCAGAAAGGAGGCTCCAAGATCTCATCCACCATCAAGAGCACCCCATCTGGAAAGCGGTACAAGTTCC  
TGCCACTGGACATGGGAAGTACGAGAAAGTACTTGTGGATGAGGGCTCAGCACCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001271508
Insert Size:	969 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001271508.1</a> , <a href="#">NP_001258437.1</a>
<b>RefSeq Size:</b>	2079 bp
<b>RefSeq ORF:</b>	969 bp
<b>Locus ID:</b>	16985
<b>UniProt ID:</b>	<a href="#">P19973</a>
<b>Cytogenetics:</b>	7 87.93 cM
<b>Gene Summary:</b>	<p>May play a role in mediating neutrophil activation and chemotaxis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate 5'-most exon, initiates translation at an alternate start codon and uses an alternate in-frame splice site in the coding region compared to variant 1. The encoded isoform (3) has a distinct N-terminus and is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>