

## Product datasheet for **MC227036**

### Lsp1 (NM\_001271509) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lsp1 (NM\_001271509) 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:** >MC227036 representing NM\_001271509  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGAGGCTGCCATCGATCCCAGATGCGAGGAACAGGAAGAGCTCCATGCAGAAGACAGCGAAGGGC  
 TCACAACCTCAGTGGAGAGAAGAAGACGAGGAAGAGGCTGCCCGTGAGCAGCGTCAACGGGAGCGAGAGAG  
 GCAGCTACAGGACCAGGACAAAGATAAAGAAGATGATGGTGGCCATTCCCTGGAACAGCCAGGACAGCAG  
 AACTCATCAGCCTGAAGTCTCTGAACTGGATGAAGATGAGGGTTTTGGTGACTGGTCCCAAAAGCCGG  
 AGCCACCGCAGCAATTCTGGGGGAATGAGGGGACTGCAGAAGGGACTGAACCTCTCAAAGCGAGAGACC  
 AGAGGAGAAAACAACAGAGGAGAGTTCTCACCAAGCCAAAGTCCACTTGGAGGAGTCAAACCTGAGCTAC  
 AGGGAGCCCGATCCAGAGGATGCTGTTGGGGTTCTGGGGAGGCGGAAGAGGTCAGGACCCCGAGCCCTT  
 TGGCCTTAGAAGACACCGTTGAGCTGAGTTCACCTCCCTGAGCCCTACCACAACTGGCTGATAGGAC  
 CGAGTCCCTGAACCGCTCCATTAAGAGCAACAGTGTGAAGAAGTCTCAACCAACCTTGCCCATTTCC  
 ACAATTGATGAACGCCTGCAGCAGTATACCCAGGCCACTGAGTCTTCTGGCCGAACCTCTAAGCTGTCC  
 GCCAGCCCTCCATAGAGCTGCCAGCATGGCCGTAGCCAGTACCAAGACTCTTTGGGAAACAGGAGAAGT  
 GCAGAGTCAGTCTGCTTCTAAGACACCCTCCTGCCAGGATATAGTAGCTGGAGACATGAGCAAGAAAAGT  
 CTGTGGGAGCAGAAAGGAGGCTCCAAGATCTCATCCACATCAAGAGCACCCCATCTGGAAGCGGTACA  
 AGTTCGTGGCCACTGGACATGGGAAGTACGAGAAAGTACTTGTGGATGAGGGCTCAGCACCAT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271509  
**Insert Size:** 975 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>	<u><a href="#">NM_001271509.1</a></u> , <u><a href="#">NP_001258438.1</a></u>
<b>RefSeq Size:</b>	1712 bp
<b>RefSeq ORF:</b>	975 bp
<b>Locus ID:</b>	16985
<b>Cytogenetics:</b>	7 87.93 cM
<b>Gene Summary:</b>	May play a role in mediating neutrophil activation and chemotaxis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 4), compared to 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.