

Product datasheet for **MC225538**

Lsp1 (NM_001271523) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lsp1 (NM_001271523) 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: >MC225538 representing NM_001271523
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGTAGCCAGTACCAAGACTCTTTGGAAACAGGAGAAGTGCAGAGTCAGTCTGCTTCTAAGACAC
CCTCCTGCCAGGATATAGTAGCTGGAGACATGAGCAAGAAAAGTCTGTGGGAGCAGAAAGGAGGCTCCAA
GATCTCATCCACCATCAAGAGCACCCCATCTGGAAAGCGGTACAAGTTCGTGGCCACTGGACATGGGAAG
TACGAGAAAGTACTTGTGGATGAGGGCTCAGCACCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001271523
Insert Size: 249 bp

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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_001271523.1, NP_001258452.1</u>
RefSeq Size:	1911 bp
RefSeq ORF:	249 bp
Locus ID:	16985
Cytogenetics:	7 87.93 cM
Gene Summary:	May play a role in mediating neutrophil activation and chemotaxis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (6) contains an alternate 5'-most exon, uses an alternate splice site in the 5' UTR and initiates translation at a in-frame downstream start codon compared to variant 1. The encoded isoform (5) has a shorter N-terminus compared to isoform 1.