

Product datasheet for **MR220296**

Lsp1 (NM_001136071) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lsp1 (NM_001136071) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lsp1
Synonyms: Lsp-1; p50; pp52; WP34
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR220296 representing NM_001136071
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAGGCTGCCATCGATCCCAGATGCGAGGAACAGGAAGAGCTCCATGCAGAAGACAGCGAAGGGC
TCACAACCTCAGTGGAGAGAAGAAGACGAGGAAGAGGCTGCCCGTGAGCAGCGTCAACGGGAGCGAGAGAG
GCAGCTACAGGACCAGGACAAAGATAAAGAAGATGATGGTGGCCATTCCCTGGAACAGCCAGGACAGCAG
ACACTCATCAGCCTGAAGTCCTCTGAACTGGATGAAGATGAGGGTTTTGGTGACTGGTCCAAAAGCCGG
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AGAGGAGAAAACAAACAGAGGAGAGTTCTCACCAAGCCAAAGTCCACTTGGAGGAGTCAAACCTGAGCTAC
AGGGAGCCCGATCCAGAGGATGCTGTTGGGGTTCTGGGGAGGCGGAAGAGCATCTGATACGTCATCAGG
TCAGGACCCCGAGCCCTTGGCCTTAGAAGACACCGTTGAGCTGAGTTCACCTCCCCTGAGCCCTACCAC
CAAACCTGGCTGATAGGACCGAGTCCCTGAACCGCTCCATTAAGAGGCAACAGTGTGAAGAAGTCTCAA
CAAACCTTGCCCATTTCCACAATTGATGAACGCCTGCAGCAGTATACCCAGGCCACTGAGTCTTCTGGCC
GAACTCCTAAGCTGTCCCGCCAGCCCTCCATAGAGCTGCCAGCATGGCCGTAGCCAGTACCAAGACTCT
TTGGGAAACAGGAGAAGTGCAGAGTCAGTCTGCTTCTAAGACACCTCCTGCCAGGATATAGTAGCTGGA
GACATGAGCAAGAAAAGTCTGTGGGAGCAGAAAGGAGGCTCCAAGATCTCATCCACCATCAAGAGACCC
CATCTGGAAAAGCGGTACAAGTTCGTGGCCACTGGACATGGGAAGTACGAGAAAAGTACTTGTGGATGAGGG
CTCAGCACCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >MR220296 representing NM_001136071
Red=Cloning site Green=Tags(s)

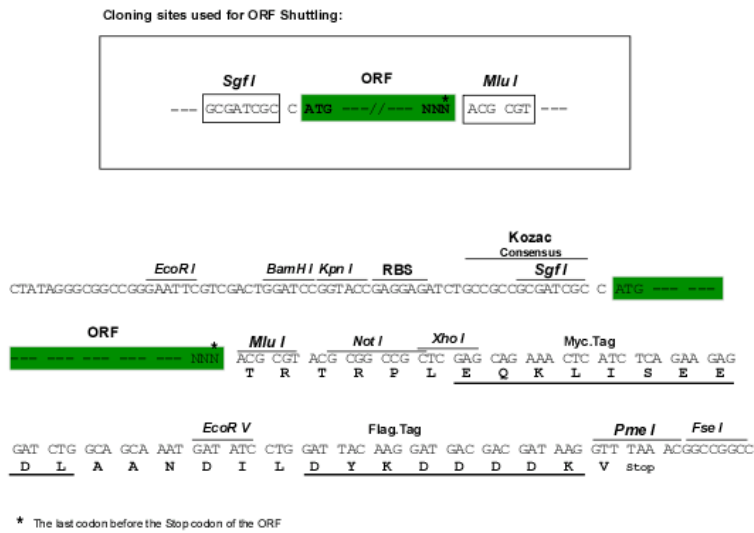
MAEAAIDPRCEEQEELHAEDSEGLTTQWREDEEEAAREQRQREERERQLQDQDKDKEDDGGHSLEQPGQQ
 TLISLKSSELDEDEFGDWSQKPEPRQQFWGNEGTAEGTEPSQSERPEEKQTEESSHQAKVHLEESNLSY
 REPDPEDAVGSGEAEHLIRHQVRTPSPLALEDTVLSSPPLSPTTKLADRTELSNRSIKKSNSVKKSQ
 PTLPISTIDERLQYQTATESSGRTPKLSRQPSIELPSMAVASTKTLWETGEVQSQSASKTPSCQDIVAG
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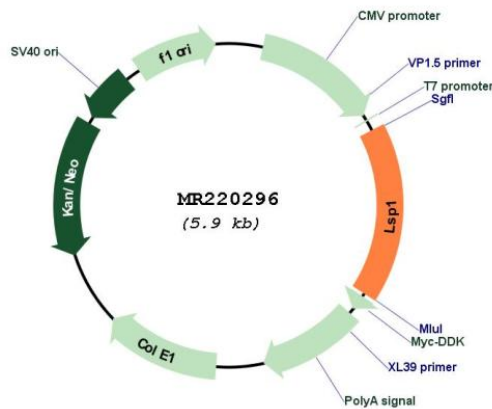
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001136071

ORF Size: 990 bp

| | |
|-------------------------------|---|
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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: | NM_001136071.2 , NP_001129543.1 |
| RefSeq Size: | 1403 bp |
| RefSeq ORF: | 993 bp |
| Locus ID: | 16985 |
| UniProt ID: | P19973 |
| Cytogenetics: | 7 87.93 cM |
| MW: | 37.2 kDa |
| Gene Summary: | May play a role in mediating neutrophil activation and chemotaxis.[UniProtKB/Swiss-Prot Function] |