

Product datasheet for MR204663

Lsp1 (BC003796) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lsp1 (BC003796) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lsp1
Synonyms:	p50, WP34, pp52
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204663 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGGCCCCGACTCCTGAGGAGAAATGCTAGCAAACGGGGCCTGGAGAAGCTGCTGAGGCTCACAA
CTCAGTGGAGAGAAGAAGACGAGGAAGAGGCTGCCGTGAGCAGCGTCAACGGGAGCGAGAGAGGCAGCT
ACAGGACCAGGACAAAGATAAAGAAGATGATGGTGGCCATTCCCTGGAACAGCCAGGACAGCAGACTC
ATCAGCCTGAAGTCTCTGAAGTGGATGAAGATGAGGGTTTTGGTACTGGTCCAAAAGCCGGAGCCAC
GGCAGCAATTCTGGGGAATGAGGGGACTGCAGAAGGGACTGAACCTCTCAAAGCGAGAGACCAGAGGA
GAAACAAACAGAGGAGAGTTCTACCAAGCCAAAGTCCACTTGGAGGAGTCAAACCTGAGCTACAGGGAG
CCCGATCCAGAGGATGCTGTTGGGGTTCTGGGGAGGCGGAAGAGGTGAGGACCCAGCCCTTTGGCCT
TAGAAGACACCGTTGAGCTGAGTTCACCTCCCCTGAGCCCTACCACAACTGGCTGATAGGACCGAGTC
CCTGAACCGCTCCATTAAGAGCAACAGTGTGAAGAAGTCTCAACCAACCTTGCCATTTCCACAATT
GATGAACGCTGCAGCAGTATACCCAGGCCACTGAGTCTTCTGGCCGAACCTAAGCTGTCCCGCCAGC
CCTCCATAGAGCTGCCAGCATGGCCGTAGCCAGTACCAAGACTCTTTGGGAAACAGGAGAAGTGCAGAG
TCAGTCTGTTCTAAGACACCCCTCCTGCCAGGATATAGTAGCTGGAGACATGAGCAAGAAAAGTCTGTGG
GAGCAGAAAGGAGGCTCCAAGATCTCATCCACCATCAAGAGCACCCATCTGAAAAGCGTACAAGTTCCG
TGCCACTGGACATGGGAAGTACGAGAAAAGTACTTGTGGATGAGGGCTCAGCACCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204663 protein sequence
 Red=Cloning site Green=Tags(s)

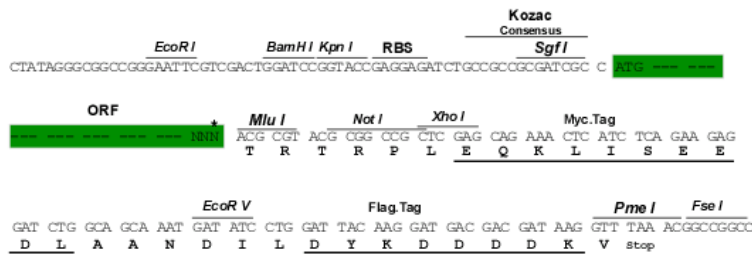
MNGPALLRRNASKRGLEKLLRLTTQWREDEEEAAREQQRERERQLQDQDKEDDGGHSLEQPGQOTL
 ISLKSSSELDDEDEFGDWSQKPEPRQQFWGNEGTAEGETPSQSERPEEKQTEESSHQAKVHLEESNLSYRE
 PDPEDAVGGSGEAEVTRTPSPLALEDTVLSSPPLSPTTKLADRTESLNRSIKKSNSVKKSQPTLPISTI
 DERLQQYTQATESSGRTPKLSRQPSIELPSMAVASTKTLWETGEVQSQSASKTPSCQDIVAGDMSKSLW
 EQKGGSKISSSTIKSTPSGKRYKFVATGHGKYEKVLVDEGSAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC003796

ORF Size: 966 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:

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: [BC003796](#), [AAH03796](#)

RefSeq Size: 1568 bp

RefSeq ORF: 968 bp

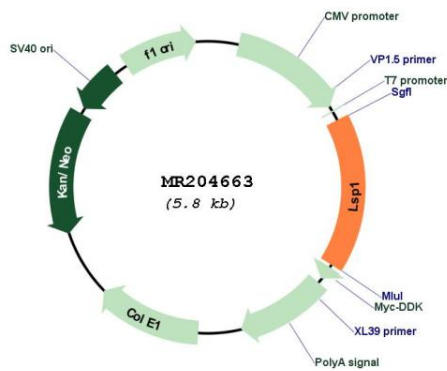
Locus ID: 16985

Cytogenetics: 7 87.93 cM

MW: 35.8 kDa

Gene Summary: May play a role in mediating neutrophil activation and chemotaxis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204663