

Product datasheet for MR229247

Lsp1 (NM_001271509) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lsp1 (NM_001271509) 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:	>MR229247 representing NM_001271509 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGAGGCTGCCATCGATCCCAGATGCGAGGAACAGGAAGAGCTCCATGCAGAAGACAGCGAAGGGC
TCACAACCTCAGTGGAGAGAAGAAGACGAGGAAGAGGCTGCCCGTGAGCAGCGTCAACGGGAGCGAGAGAG
GCAGCTACAGGACCAGGACAAAGATAAAGAAGATGATGGTGGCCATTCCCTGGAACAGCCAGGACAGCAG
ACACTCATCAGCCTGAAGTCCTCTGAAGTGGATGAAGATGAGGGTTTTGGTGACTGGTCCAAAAGCCGG
AGCCACGCGAGCAATTCTGGGGGAATGAGGGGACTGCAGAAGGGACTGAACCCCTCTCAAAGCGAGAGACC
AGAGGAGAAAACAACAGAGGAGAGTTCTCACCAAGCCAAAGTCCACTTGGAGGAGTCAAACCTGAGCTAC
AGGGAGCCCGATCCAGAGGATGCTGTTGGGGTTCTGGGGAGGCGGAAGAGGTCAGGACCCCGAGCCCTT
TGGCCTTAGAAGACACCGTTGAGCTGAGTTCACCTCCCTGAGCCCTACCACAACTGGCTGATAGGAC
CGAGTCCCTGAACCGCTCCATTAAGAGCAACAGTGTGAAGAAGTCTCAACCAACCTTGCCCATTTCC
ACAATTGATGAACGCCTGCAGCAGTATACCCAGGCCACTGAGTCTTCTGGCCGAACCTCTAAGCTGTCC
GCCAGCCCTCCATAGAGCTGCCAGCATGGCCGTAGCCAGTACCAAGACTCTTTGGGAAACAGGAGAAGT
GCAGAGTCAGTCTGCTTCTAAGACACCCTCCTGCCAGGATATAGTAGCTGGAGACATGAGCAAGAAAAGT
CTGTGGGAGCAGAAAGGAGGCTCCAAGATCTCATCCACATCAAGAGCACCCCATCTGGAAGCGGTACA
AGTTCGTGGCCACTGGACATGGGAAGTACGAGAAAGTACTTGTGGATGAGGGCTCAGCACCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229247 representing NM_001271509
 Red=Cloning site Green=Tags(s)

MAEAAIDPRCEEQEELHAEDSEGLTTQWREDEEEAAREQRQREERERQLQDQDKDKEDDGGHSLEQPGQQ
 TLISLKSSELDEDEFGDWSQKPEPRQQFWGNEGTAEGTEPSQSERPEEKQTEESSHQAKVHLEESNLSY
 REPDPEDAVGGSGEAEVVRTPSPLALEDTVLSSPPLSPTTKLADRTESLNRSIKKSNSVKKSQPTLPIS
 TIDERLQQYTQATESSGRTPKLSRQPSIELPSMAVASTKTLWETGEVQSQSASKTPSCQDIVAGDMSKKS
 LWEQKGGSKISSTIKSTPSGKRYKFVATGHGKYEKVLVDEGSAP

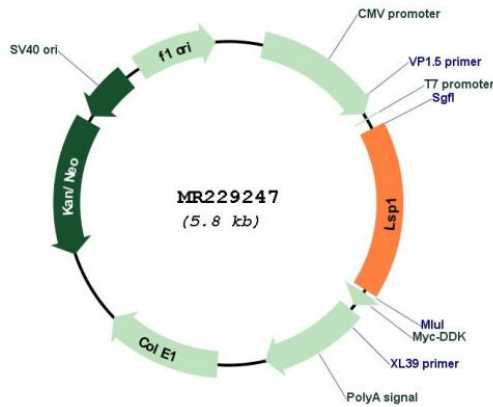
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001271509

ORF Size: 972 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_001271509.1 , NP_001258438.1
RefSeq Size:	1712 bp
RefSeq ORF:	975 bp
Locus ID:	16985
Cytogenetics:	7 87.93 cM
MW:	36.4 kDa
Gene Summary:	May play a role in mediating neutrophil activation and chemotaxis.[UniProtKB/Swiss-Prot Function]