

## Product datasheet for **MG223318**

### Lsp1 (NM\_019391) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lsp1 (NM_019391) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lsp1
Synonyms:	Lsp-1; p50; pp52; WP34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223318 representing NM_019391 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATGGCCCCGACTCCTGAGGAGAAATGCTAGCAAACGGGGCCTGGAGAAGCTGCTGAGGCTCACAA  
CTCAGTGGAGAGAAGAAGACGAGGAAGAGGCTGCCCGTGAGCAGCGTCAACGGGAGCGAGAGAGGCAGT  
ACAGGACCAGGACAAAGATAAAGAAGATGATGGTGCCATTCCCTGGAACAGCCAGGACAGCAGACTC  
ATCAGCCTGAAGTCTCTGAACTGGATGAAGATGAGGGTTTTGGTACTGGTCCAAAAGCCGGAGCCAC  
GGCAGCAATTCTGGGGGAATGAGGGGACTGCAGAAGGGACTGAACCTCTCAAAGCGAGAGACCAGAGGA  
GAAACAAACAGAGGAGAGTTCTACCAAGCCAAAGTCCACTTGGAGGAGTCAAACCTGAGCTACAGGGAG  
CCCGATCCAGAGGATGCTGTTGGGGTTCTGGGGAGGCGGAAGAGCATCTGATACGTCATCAGGTCAGGA  
CCCCAGCCCTTTGGCCTTAGAAGACACCGTTGAGCTGAGTTCACCTCCCCTGAGCCCTACCACAAACT  
GGCTGATAGGACCGAGTCCCTGAACCGCTCCATTAAGAGCAACAGTGTGAAGAAGTCTCAACCAACC  
TTGCCATTTCCACAATTGATGAACGCCTGCAGCAGTATACCCAGGCCACTGAGTCTTCTGGCCGAACTC  
CTAAGCTGTCCCAGCCCTCCATAGAGCTGCCAGCATGGCCGTAGCCAGTACCAAGACTCTTTGGGA  
AACAGGAGAAGTGCAGAGTCAGTCTGCTTCTAAGACACCCTCTGCCAGGATATAGTAGCTGGAGACATG  
AGCAAGAAAAGTCTGTGGGAGCAGAAAGGAGGCTCCAAGATCTCATCCACCATCAAGAGCACCCCATCTG  
GAAAGCGGTACAAGTTCGTGGCCACTGGACATGGGAAGTACGAGAAAGTACTTGTGGATGAGGGCTCAGC  
ACCA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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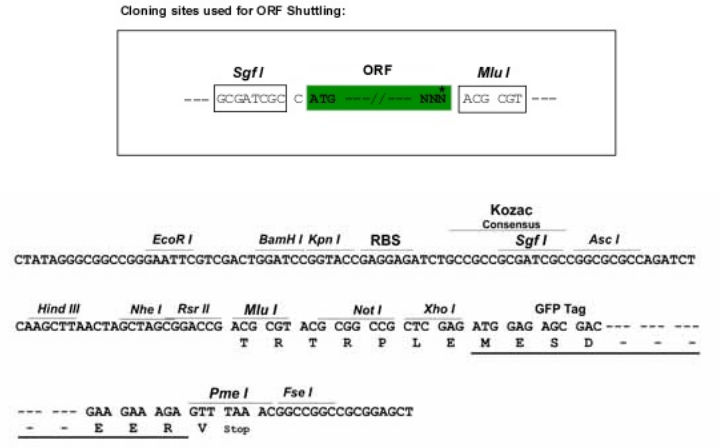
**Protein Sequence:** >MG223318 representing NM\_019391  
Red=Cloning site Green=Tags(s)

MNGPALLRRNASKRGLEKLLRLTTQWREEDEEEAAREQQRERERQLQDQDKDKEDDGGHSLEQPGQOTL  
 ISLKSSSELDDEDEFGDWSQKPEPRQQFWGNEGTAEGETPSQSERPEEKQTEESSHQAKVHLEESNLSYRE  
 PDPEDAVGGSGEAEHLIRHQVRTPSPLALEDTVLSSPPLSPTTKLADRTESLNRSIKKSNSVKKSQPT  
 LPISTIDERLQQYTQATESSGRTPKLSRQPSIELPSMAVASTKTLWETGEVQSQSASKTPSCQDIVAGDM  
 SKKSLWEQKGGSKISSTIKSTPSGKRYKFVATGHGKYEVLVDEGSAP

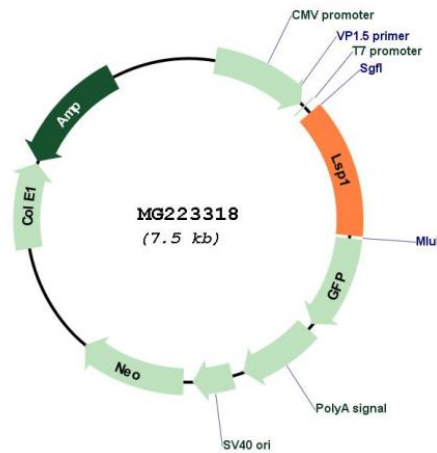
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_019391

**ORF Size:** 984 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_019391.3</a> , <a href="#">NP_062264.1</a>
<b>RefSeq Size:</b>	1828 bp
<b>RefSeq ORF:</b>	987 bp
<b>Locus ID:</b>	16985
<b>UniProt ID:</b>	<a href="#">P19973</a>
<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]