

Product datasheet for **RR208215**

Lasp1 (NM_032613) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lasp1 (NM_032613) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lasp1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208215 representing NM_032613
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCCTAACTGTGCCCGGTGCGGCAAATCGTGTACCCACGGAGAAGGTGAACTGTCTGGATAAGT
TCTGGCATAAAGCATGCTTTCACTGCGAGACCTGCAAGATGACTTTGAACATGAAGAACTACAAGGGTTA
CGAGAAGAAGCCTTACTGCAATGCACACTACCCCAAGCAGTCCTTACCATGGTGGCCGACACTCCGGAG
AACCTCCGCCTGAAGCAACAGAGCGAGCTGCAGAGTCAGGTGCGTTACAAGGAGGAGTTTGAGAAGAACA
AGGGCAAAGGCTTCAGTGTGGTGGCAGACACGCCTGAACTGCAGAGAATCAAGAAGACCCAGGACCAGAT
CAGCAATATCAAATACCATGAGGAGTTTGAGAAGAGCCGCATGGGGCCAGCGGAGGTGAAGGCATAGAG
CCAGAGCGCCGAGAAGCCAGGACAGCAGCAGCTACCGGAGGCCACGGAGCAGCAACAGCCACAGCCCC
ACCATATCCCAGCAGTGCCTCAGTTTACCAGCAGCCCCAACAGCAGCAGGTGACCCCGTCTATGGTGG
GTACAAGGAGCCAGCAGCCCTGTCTCCATACAGCGCAGTGCCTCAGGTGGCGGGGAAACGGTACCGT
GCAGTGTATGACTACAGCGCTGCCGATGAGGACGAGGTCTCCTTCCAGGATGGGGACACCATCGTCAATG
TGCAGCAGATCGATGATGGCTGGATGTATGGGACCGTAGAGCGCACCGGTGACACGGGGATGCTGCCAGC
CAACTATGTTGAGGCCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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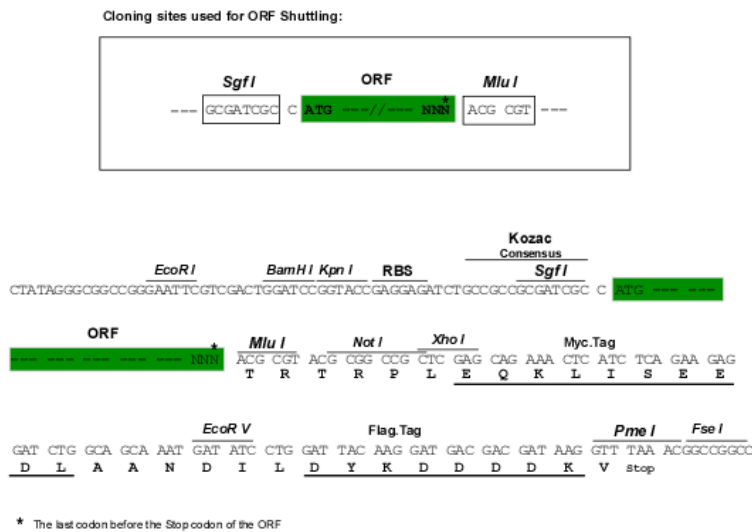
Protein Sequence: >RR208215 representing NM_032613
 Red=Cloning site Green=Tags(s)

MNPNCARCGKIVYPTEKVNCLDKFVHKACFHCETCKMTLNMKNYKGYEKKPYCNAHPKQSFMTMVAADTPE
 NLRLKQQSELQSQVRYKEEFKKNKGKGF SVVADTPELQRIKKTQDQISNIKYHEEFKSRMGPSGGEGIE
 PERREAQDSSSYRRPTEQQQPQPHHIPT SAPVYQQPQQQVTPSYGGYKEPAAPVSIQRSAPGGGKRYR
 AVVDYSAADEVSVFQDGTIVNVQQIDDGWMYGTVERTGDTGMLPANYVEAI

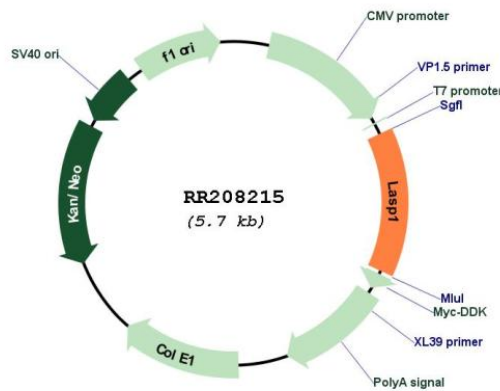
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_032613

ORF Size: 789 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_032613.2 , NP_116002.1
RefSeq Size:	3425 bp
RefSeq ORF:	792 bp
Locus ID:	29278
UniProt ID:	Q99MZ8
Cytogenetics:	10q31
MW:	30 kDa
Gene Summary:	mouse homolog is a cytoskeletal protein with an actin binding domain [RGD, Feb 2006]