

Product datasheet for **RR214400**

Lman2 (NM_001115024) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lman2 (NM_001115024) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lman2
Synonyms:	Vip36
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214400 representing NM_001115024 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCTGAGGCTGGCTTTGGCGTGGGGCTGGGGCTGGGGTCAAGCGTGGCCAGGGAGGCCTGGGC
TTCTGGCCCCGGCCGGCCCACTACATTTCTACATTTCTTCTGTTGCTGGGGCTGGTGGCTGCGGA
TATAACCGACGGCAACAGTGAACACCTCAAGCGGAGCACTCGTCATCAAGCCCTACCAAGGAGTCGGT
TCCAGTCCATGCCGCTCTGGGACTTCCAAGGCAGCAGATGCTTACGAGCCAGTACGTGCGTCTGACCC
CTGACGAGCGCAGCAAAGAGGGCTCTATTTGGAACCACCAGCCATGCTTCCTTAAGGACTGGAAATGCA
TGTCCACTTCAAAGTCCATGGTACCGGGAAGAAGAATCTCCATGGAGACGGCATCGCCTTGTGGTACACC
CGAGACCGCCTTGTACCAGGGCCTGTGTTTGGGAGCAAAGACAATTCCACGGTTTGGCCGCTTCTTGG
ACACATATCCCAATGACGAGACCACTGAGCGTGTGTTCCCGTACATCTCGGTGATGGTGAACAATGGCTC
TCTGTGATGATCAGCAAAGATGGGCGTGGAGCGAGTTGGCAGGCTGCACGGCTGACTTTCGCAAC
CGGGACCACGACACCTTCTAGCTGTGCGCTATCCCGGGCCGCTCACGGTATGACCGACCTGGAGG
ACAAGAACGAGTGAAGAAGTGCATCGATGTCACAGGGTGGCCTGCTACTGGCTACTTTGGAG
CTCTGCTGGCACCAGGACCTGTCTGACAACCAGACCTCATCTCCATCAAGCTGTTCCAGCTCACAGTA
GAGCGCACACCTGAGGAGGAGCATCGACTGGACCAAGATCGAGCCTGGTGTCAACTTCTCAAGTCCC
CTAAAGACAATGTGGATGACCCCACTGGAACTCCGAGGTGGGCCCTGACGGGTGGAGGGTGTCTCT
GCTGCTGCTGCGCCCTCTGGGCATCATCGTCTGTGCTGTGGTGGGCGCCGTGGTGTTCAGAAGCGC
CAGGAGCGGAACAAGCGTTTCTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR214400 representing NM_001115024
 Red=Cloning site Green=Tags(s)

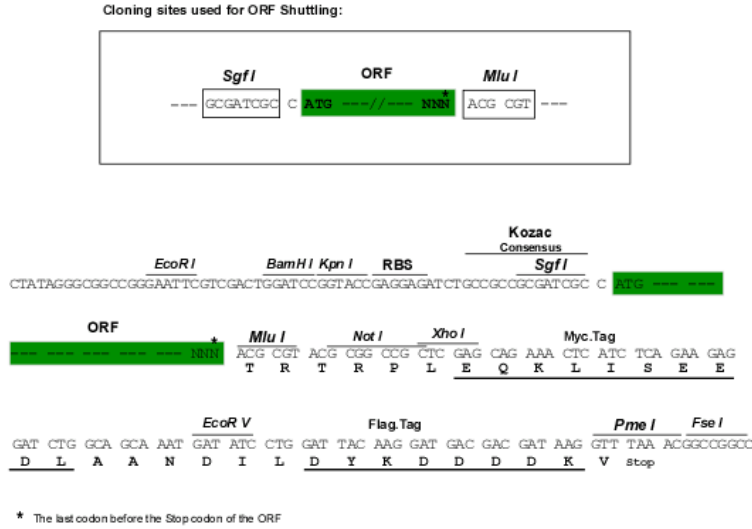
MAAEAWLWRWGWGWQRCPCRPGLPGPGPPTTFLHFLLLLGLVAADITDGNSEHLKREHSLIKPYQGVG
 SSSMPLWDFQGSTM L T S Q Y V R L T P D E R S K E G S I W N H Q P C F L K D W E M H V H F K V H G T G K K N L H G D G I A L W Y T
 R D R L V P G P V F G S K D N F H G L A V F L D T Y P N D E T T E R V F P Y I S V M V N N G S L S Y D H S K D G R W S E L A G C T A D F R N
 R D H D T F L A V R Y S R G R L T V M T D L E D K N E W K N C I D V T G V R L P T G Y Y F G A S A G T G D L S D N H D L I S I K L F Q L T V
 E R T P E E S I D W T K I E P G V N F L K S P K D N V D D P T G N F R G G P L T G W R V F L L L L C A L L G I I V C A V V G A V V F Q K R
 Q E R N K R F Y

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

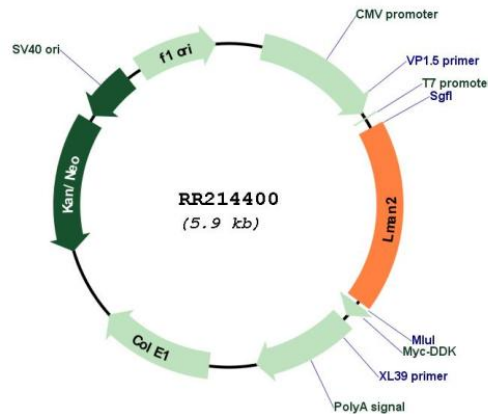
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001115024

ORF Size:	1074 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_001115024.2 , NP_001108496.1
RefSeq Size:	1257 bp
RefSeq ORF:	1077 bp
Locus ID:	290994
Cytogenetics:	17p14
MW:	40.4 kDa