

Product datasheet for **MR205808**

Lman1l (BC020188) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lman1l (BC020188) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lman1l
Synonyms:	slamp, MGC28923
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205808 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGAGATCAGAGGCTCTCACCTTCCTCTGCCTCCTTTCCCTGTTGCTGGTTCTGCACGGTGCTG
 AAAGGAGCCAGCCCCCTCTCGACGCAGGTTTGAGTACAAGCTCAGCTTCAAGGGACCAAGACTGGCAGT
 TCCTGGGGCTGGGATACCTTCTGGAGCCACCATGGAGACGCCATCCTAGGCTTAGAGGAAGTGC GGCTG
 GTTCCATCCATGAAGAACCGGAGCGGTGCCGTGTGGAGCAACATCTCTGTCTCCTTCCCTTCTGGGAGG
 TAGAGATGCAGATGAGAGTGACTGGACCAGGACGCCGGGAGCCAGGGTGTGGCCATGTGGTACACCAA
 GGACAGGGCTCAAGTCGGCTCTGTTGTAGAGGAGCTAGCCTCATGGGATGGCATCGGGATCTACTTTGAT
 TCCTCCACCAAGTGATGTCCAGGACAGCCCTGTCTCCGAGTGCTGGCCAGTGATGGGCATGACCTCCAGG
 AGCAGTCTGGGGATGAAATGTCCGGGAGCTTGGCTCCTGTACAGGGACTTCAGGAACCGGCCATTCCC
 CTTCCGAGCTCGGGTCACCTACTGGAGGCAGAGGCTGCGTGTGTCTTTGAGTGGAGGCCTTACTCTAAG
 GACCTGAAGAGGTCTGTGTTGATGTGGAGCCCTGTTTTAGCCCTGGAGGCTTCTTTGGGGTCTCAG
 CAGCCACTGGCACCTTAGCAGCAGATGACCATGACGTCTGTCTTCTGACCTTCAGTCTGAGGGAACC
 AGGTCCAGAGGAAACCCCAAGCATTCATGGAGAAGGATCAGTTGCTCCTGGCCAGGAAGCTGGAAGAA
 CTGAAGCAAGGCTGGCCCTGGGCACAGAGAGGCTAGCATACCACTGAATCCCAAAGCCAGGAAG
 AAGGTGAAAGTTCTTTAACCTGGAGGATACGCTGGGCAGACAAAGCCAGATCCTACAGGCCTCCAGGC
 TCTCTCAGGCAGATGGCCAGGCTGAGAAGCACTGGAACAGCAGCTGGGGTCTACAGTCCAAGTCCGG
 CCTGAGGGAGGCTGGGAAGCAGCTGCCGGATGGCTTCAGGAGCACACGTCTTCTACCTGCCTGTGGGC
 AC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR205808 protein sequence
 Red=Cloning site Green=Tags(s)

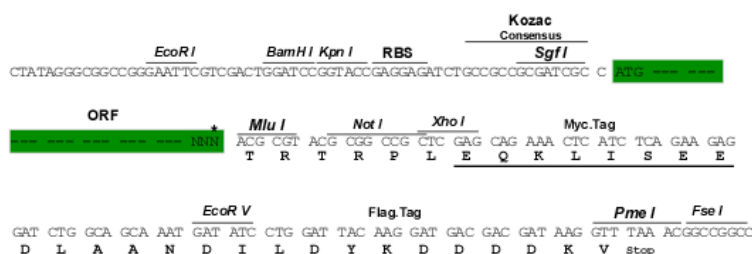
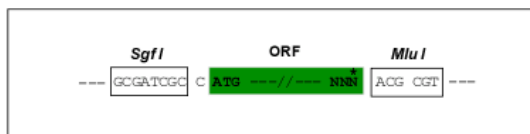
MLEIRGLSPSLCLLSLLLVLHGAERSQPPRRRFEYKLSFKGPRLAVPGAGIPFWSHHGDAILGLEEVRL
 VPSMKNRSGAVWSNISVSFSPSEWEMQMRVTGPGRRAQGVAMWYTKDRAQVGSVVEELASWDGIGIYFD
 SSTSDVDQSPVIRVLASDGHDLEQSGDGNVRELGSCHRDFRNRPFPRARVTYWRQLRVLSSGGLTPK
 DPEEVCVDVEPLFLAPGGFFGVSAATGTLAADDHDLVLSLTFSLREPGEETPQPFMEKDQLLLARKLEE
 LKARLALGTREASIPPLNPKAQEEGERFFNLEDTLGRQSQILQALQALSRQMAQAEKHWKQQLGSTVQVR
 PEGGWSSCPDGRSTRLLPACGH

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC020188

ORF Size: 1122 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC020188](#), [AAH20188](#)

RefSeq Size: 1605 bp

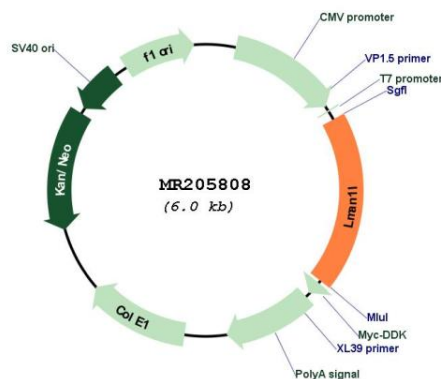
RefSeq ORF: 1124 bp

Locus ID: 235416

Cytogenetics: 9 B

MW: 41.4 kDa

Product images:



Circular map for MR205808