

Product datasheet for **MG205808**

Lman1l (BC020188) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lman1l (BC020188) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lman1l
Synonyms:	slamp, MGC28923
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205808 representing BC020188 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCTGGAGATCAGAGGCCCTCTCACCTTCCTCTGCCTCCTTTCCCTGTTGCTGGTTCTGCACGGTGCTG
AAAGGAGCCAGCCCCCTCTCGACGCAGGTTTGAGTACAAGCTCAGCTTCAAGGGACCAAGACTGGCAGT
TCCTGGGGCTGGGATACCCTTCTGGAGCCACCATTGGAGACGCCATCCTAGGCTTAGAGGAAGTGGGCTG
GTTCCATCCATGAAGAACCGGAGCGGTGCCGTGTGGAGCAACATCTCTGTCTCCTTCCTTCCTGGGAGG
TAGAGATGCAGATGAGAGTGACTGGACCAGGACCGGGGAGCCAGGGTGTGGCCATGTGGTACACCAA
GGACAGGGCTCAAGTCGGCTCTGTTGTAGAGGAGCTAGCCTCATGGGATGGCATCGGGATCTACTTTGAT
TCCTCCACCAAGTGTCCAGGACAGCCCTGTCTCCGAGTGCTGGCCAGTGATGGGCATGACCTCCAGG
AGCAGTCTGGGGATGGAATGTCCGGGAGCTTGGCTCCTGTACAGGGACTTCAGGAACCGGCCATTCCC
CTTCCGAGCTCGGGTCACCTACTGGAGGCAGAGGCTGCGTGTGTCTTTGAGTGGAGGCCCTTACTCTAAG
GACCTGAAGAGGTCTGTGTTGATGTGGAGCCCTGTTTTAGCCCTGGAGGCTTCTTTGGGGTCTCAG
CAGCCACTGGCACCTTAGCAGCAGATGACCATGACGTCCTGTCTTCTGACCTTCAGTCTGAGGGAACC
AGGTCCAGAGGAAACCCCAAGCATTCATGGAGAAGGATCAGTTGCTCCTGGCCAGGAAGCTGGAAGAA
CTGAAGCAAGGCTGGCCCTGGGCACCAGAGAGGCTAGCATACCACCACTGAATCCCAAAGCCAGGAAG
AAGGTGAAAGTTCTTTAACCTGGAGGATACGCTGGGCAGACAAAGCCAGATCCTACAGGCCCTCCAGGC
TCTCTCAGGCAGATGGCCAGGCTGAGAAGCACTGGAACAGCAGCTGGGGTCTACAGTCCAAGTCCGG
CCTGAGGGAGGCTGGGAAGCAGCTGCCGGATGGCTTCAGGAGCACACGTCTTCTACCTGCCTGTGGGC
AC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >MG205808 representing BC020188
 Red=Cloning site Green=Tags(s)

MLEIRGLSPSLCLLSLLLVHGAERSQPPRRRFEYKLSFKGPRLAVPGAGIPFWSHHGDAILGLEEVRL
 VPSMKNRSGAVWSNISVSFSPSWEVEMQMRVTGPGRGAQGVAMWYTKDRAQVGSVVEELASWDGIGIYFD
 SSTSDVQDSPVIRVLASDGHDLQEQSGDGNVRELGSCHRDNRNPFPRARVTYWRQLRVSLSGGLTPK
 DPEEVCVDVEPLFLAPGGFFGVSAATGTLAADDHVDLSFLTSLREPGEETPQPFMEKDQLLLARKLEE
 LKARLALGTREASIPPLNPKAQEEGERFFNLEDTLGRQSQILQALQALSQMAQAEKHWKQQLGSTVQVR
 PEGGWGSSCPDGFSTRLLPACGH

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



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

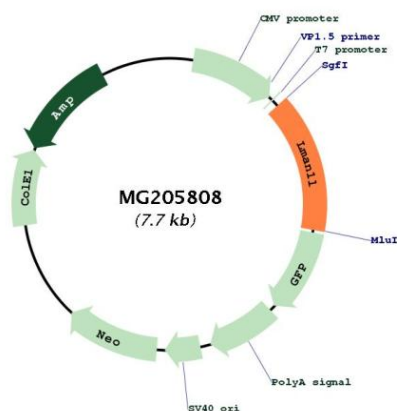
RefSeq Size: 1629 bp

RefSeq ORF: 1124 bp

Locus ID: 235416

Cytogenetics: 9 B

Product images:



Circular map for MG205808