

Product datasheet for **MG202814**

Lptm4a (BC086667) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lptm4a (BC086667) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lptm4a
Synonyms:	LPTM4, MTP, mKIAA0108
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202814 representing BC086667 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTCCATGACTTTCAAACGGAGCCGACGCGACCGTTCTACAGCACCCGGTCTGCGGCTGTTGCC
ATGTCCGCACCGGACGATCATCTGGGACCTGGTACATGGTGGTCAACCTGTTGATGGCCATTTTGT
GACCGTGGAGGTGACTCATCAAATCCATGCCAGCTGTCAACATTCAGTATGAAGTCATTGGTAATTAC
TATTCATCTGAGAGAATGGCTGATAATGCCTGCGTTCTTTTGGCGTCTCTGTTCTTATGTTATAATCA
GTTCAATGCTGGTTTATGGAGCCATTTCTATCAAGTGGGCTGGCTGATTCCTTTCTTCTGCTACCGACT
CTTTGACTTCGTTCTCAGTTGTCTGGTGGCCATCAGTTCTCTCACTTACTTGCCAAGAATCAAAGAATAT
CTGGATCAGTTGCCTGATTTCCCATACAAAGATGACCTCCTGGCATTGGACTCCAGCTGCCTCCTGTTCA
TCGTCCTGTGTTCTTTGTGGTATTTCATCATTTTAAAGGCTTACCTAATCAATTGTGTTGGAACCTGCTA
CAAATACATCAACAACAGAAATGTGCCAGAGATTGCCGTGACCTGCCTTTGAAACACCTCCACAGTAT
GTTTTGCCAACCTATGAAATGGCTGTGAAGATTCCTGAGAAAGAGCCACCACCTCCTTACCTGCCTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202814 representing BC086667
 Red=Cloning site Green=Tags(s)

MVSMTFKRSRSDRFYSTRCCGCHVRTGTIILGTWYMVVLLMAILLTVEVTHPNSMPAVNIQYEVIGNY
 YSSERMADNACVLFVAVSLMFIISMLVYGAISYQVGLIPFFCYRLDFVLSCLVAISSLTYLPRKEY
 LDQLPDFPYKDDLLALDSSCLLFIVLVFFVFIIFKAYLINCWNCYKYINNRNVPEIAVYPAFETPPQY
 VLPTYEMAVKIPEKEPPPPYLPA

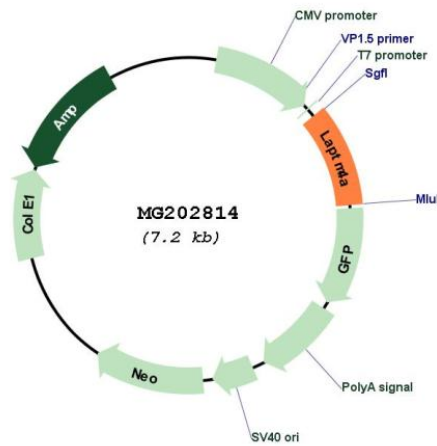
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC086667

ORF Size: 699 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:	BC086667.1
RefSeq Size:	1350 bp
RefSeq ORF:	701 bp
Locus ID:	17775
Cytogenetics:	12 A1.1