

Product datasheet for **MG205700**

Lrtm2 (NM_172492) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrtm2 (NM_172492) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Lrtm2
Synonyms: A230084J22; AI841794
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205700 representing NM_172492
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTGGCACCAGGCGGTGGCCAGAGCAGAGGAGCAAGCTTGTCTGCAATGGAGGCAGGTCTCTGGA
 TCACCTGTGGATTGCCCTGTGTCTGTGGAGGTGATCCCTGCCTGCCCTTCTCCTGCACATGTGACAG
 TCGCAGCTTGGAGGTGGACTGCAGTGGCCTGGTCTCACCAGTACCCCGGATGTGCCCGGGCCACC
 CAAAGCCTTTTGCTCCTGAACAATAAGCTGAGTGCCCTACCAAGCTGGGATTGCGCAACCTGTCCAACC
 TGCAGCGACTGGACCTGTCCAACAACCTTCTTGACCAGCTCCCCGGTCCATTTTCGAGGACTTGGTCAA
 TCTGACAGAGCTCCAGCTTCGGAATAACAGCATCAGGACCTGGACAGGGACCTGCTCCAGCACTCCCCA
 CTACTTAGACATCTGGATTTGTCTATCAACGGCTTGGCCAGCTGCCCGGGGGCTTTTGTATGGGCTCC
 TGGCTCTGCGCTCCTTGTCCCTCCGCTCCAATCGTCTGCAGAGCCTGGACCGGCTGACGTTCCAGGCCCT
 GGCAAGCTGCAGCTGCTTCCAGTTGGGGACAACCCGTGGGAGTGTGACTGCAACCTTCGGGAATTCAAA
 CACTGGCTGGAGTGGTTCTCCTACAGAGGGGTCGCTGGATCAGCTTGCCTGTACCCTACCAAGGAGC
 TAAGGGGAAGGACATGCGTGCGGTCCCATGGAGATGTTAACTACTGTTCCAGCTAGAGGATGAGAA
 CAACTGTGCTGGCTAGATGCTCCAGGACCACCCTGCACCAAGGCCAGCCCGGAGCCTCCTAAACCTAAG
 CCTGGGGCTGAGCCTGAGCCGAACCCAGCACTGCCTGCCACAGAAGCAGAGGTACCGGCCGTGAGTG
 TCGGGCAGCCATTGGCACAGTGATCATCGCCGGGTCGTGTGGCATTGTCTGCATCATGATGGTGGT
 GGCCGCTGCTTACGGCTGCATCTACGCATCTCTCATGGCCAAGTACCACCGTGAGCTCAAGAAGCGCCAG
 CCGCTGATGGGGACCCTGAGGGTGAAGATCAGAAGCAGATCTCGTCTGTGGCA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205700 representing NM_172492
 Red=Cloning site Green=Tags(s)

MLAPGGGPEQRSKLVLQWRQVSWITCWIALCAVEVIPACPFSCDCSRSLEVDCSGLGLTTVPPDVAAT
 QSLLLLNNKLSALPSWAFANLSNLQRLDLNNFLDQLPRSFEDLVNLTELQLRNNSIRTLDRDLLQHSP
 LLRHLDSLINGLAQLPPGLFDGLLALRSLSLRSNRLQSLDRLTFEPLASLQLLQVGNPWECDCNLREFK
 HWLEWFSYRGGRLDQLACTLPKELRGKDMRAVPMEMFNYSQLEDENNSAGLDAPGPPCKASPEPPKPK
 PGAEPEPEPSTACPQKQRYRPVSVRRRAIGTVIIAGVVCIVCIMMVAAAAYGCIYASLMAKYHRELKRRQ
 PLMGDPEGEHEDQKQISSVA

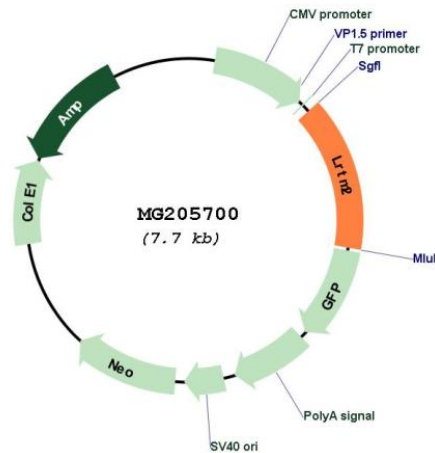
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_172492

ORF Size:	3576 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_172492.3 , NP_766080.1
RefSeq Size:	4021 bp
RefSeq ORF:	1113 bp
Locus ID:	211187
UniProt ID:	Q8BGX3
Cytogenetics:	6 F1