

Product datasheet for **MC216608**

Letm2 (NM_173012) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Letm2 (NM_173012) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Letm2
Synonyms:	6030453H13; D030041N04Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216608 representing NM_173012
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTTCTACAGTTATAATTCATTCTTAGCTATTTCTGGACAAGACTGCCTGGCCATTCTGTGTACC
 CTTCCTGCTCTCATTTCATCACTTGCATTTCTCCACTTGCCAGATTCTCACTTGCGTACAGCCTACAT
 TAAAACTGCGGAAGCAGGAAGTACTCCTATCCCAGTCTAACAGCAATAATAAAGTCCATCCCTTACGG
 ACCAGGCTCCACAAAACTGCACACAACCTGCTGGCTACAACATGTCCCTGGCAAACCTCAGCTGGAGC
 AAACAGGGAAGCCAAAGGCAGCAAGCCCTCAGCCTACCAAAGAAGCCAAGACAGAGACTACAGAAGAAA
 GCGGTCGTTGAGACAAAAATTGTGAATGAAGTAAATACTATTACAAAGGATTCAGCTTCTTTGGATT
 GACACCAAAGTCGCTGCCAGAATAGTGTGGAGGCTACTGCATGGTAAATGCGCTAACAGACGAGAGAGGC
 GAAGGCTGTTGAGAACGTGTGCCGATGTCTCCGCTTGGTTCCATTTATGGTGTTCATAATTGTACCTTT
 TATGGAGTCTTGATACCAAGTCTTCTGAAGCTCTTCCAGACATGTTGCCATCAACTTTTGAAAGTGAA
 TCCAAAAAGGAAGAAAAACAGAAAAAACGATGGCTGCCAAACTGGAAATAGCAAAATTCCTTCAAGAAA
 CAATGACAGAGATGGCGAGGAGAAAACCGAGCGAAGCTGGGAGATGCATCTTCCCAGCTTTCCTCCTATGT
 GAAACAGGTCCAAACAGGTCAACAAGCCCTCCACGAAGGAGATAGTTAGGTTCTCCAAACTCTTCAAGGAT
 CAGTTAGCCCTGGAACTTAGACCGGCCCCAGCTGGTTGCCCTGTGCAAGCTGCTGGAAGTGCAGACCT
 TCGGAACAAACAATCTGCTCCGCTTCCAGCTCTGATGACACTGAAGTCTATAAAAGCAGATGATGAAAT
 AATTGCCAAAGAAGGGGTGAAGGCTTTGAGTGTGTGAGAACTGCAGTCTGCGTGCCGGGCCCGGGGATG
 AGGTCGCTGGGCCTCACTGAGGAGCAACTGTGCCAGCAGCTCACAGGGTGGCTGGACCTCCACTTGAAGG
 AGAAGTCCCTCCTTCTTTTGTCTCTGTCGCGCACCTTCTACCTGATAGATGTGAAGCCAAAGCCTAT
 TGAATTCACCGAATATAGAGACTCCAAAGCCAAACCTTGAATACCGACACCTCCACCCCGAGTCA
 AAGGAGAACCTCAGACTCTGCACCTAGCTGAAGGGAACGAAGGATGAAGAATTTATACAAGTCCCC
 CAGTACCGTCACTCATAGCACCAGCAGCAACTATTTCCAAAGAAGCAATCCTCCAGGCCAAGTCCCA
 GGAGACCTCACAGAACAGCAAGGCTGATTCAAAGGAGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173012

Insert Size: 1443 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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.

RefSeq: [NM_173012.3](#), [NP_766600.2](#)
RefSeq Size: 2115 bp
RefSeq ORF: 1443 bp
Locus ID: 270035
UniProt ID: [Q7TNU7](#)
Cytogenetics: 8 A2