

Product datasheet for **RN209662**

Letm2 (NM_001012158) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Letm2 (NM_001012158) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Letm2
Synonyms:	LETM2S
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209662 representing NM_001012158
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTTCTACAGTTATAATTCATTCTTAGCTATTTCTGGACAAGATTGCCTGGCCATCCGTGCACC
 CTCCTGCTCTCACTTCCCTCCACTTGCAATTTTCCACTTGCCAGATTCTCATTTGCGTACAGCCTATAT
 GAAAACTGTGGAAGCAGGAAGTACTCCTACCCTGGGCTCACAGGCAACAATAAAGTCCATCCCTTACGA
 ACCAGACTCCCCAAAACTGCACACGACTTGCTGGCTACAAAATCACCTGGTAAACCTCAGCCGGAGC
 AAATCCCGGAAGACCAAAGGCGACAGACCCTCAGCCTACCAAAGATGACCAGACCGAGGTTGCAGAAGG
 AAAGTGGTCTTGAGACAGAAAATCATAGATGAAGTAAATACTATTACAATGGATTGAGTTTACTTTGG
 ATTGACACCAAAGTCGCTGCCAGAATAGTTGGAGGCTGCTGCACGGACAGGTGTAACCAGACGAGAGA
 GGCGAAGGCTGTTGAGAACGTGCGCTGATGCTTCCGCTTGGTCCCATTGTTGGTGTTCATAATTGTACC
 TTTTATGGAATCTTGATACCAGTGTCTGAAGCTCTCCAGACATGTTGCCATCAACTTTTGAAGT
 GAATCCAAAAAGGAAGAAAAACAGAAAAAGATGATGGGTGCCAAATTGGAATAGCAAAATTCCTTCAAG
 AGACGATGACAGAGATGGCGAAGAGGAACCGAGCCAAGTTGGACGACGACTCCTCCGATTCTCACAGCT
 CTCCTTATGTAAAACAGGTCCAAACAGGTACAAGCCCTCCACTAAGGAGATAGTTCCGTTCTCCAAA
 CTCTTCGAGGATCAGTTAGCCCTGGAACACTTACGTCGACCCAGCTAGTCGCCCTGTGTAAGCTGCTGG
 AGTTGCAGGCCTTCGGCACAAACAATTTGCTCCGCTTCCAGCTCCTGATGACCCTGAGGTCTATAAAGC
 AGATGATGAAGTCATTGCCAAAGAAGGGGTGAAGGCTTTAAGTGTGTGAGAACTCAGGCTGCGTGTGCG
 GCCCGGGGATGAGGTGCTGGCCCTCACTGAAGAACAACCTGCCAGCAGCTCACAGAGTGGCTGGACC
 TCCACTGAAGGAGAACGTCCCCCTTCTCTTGTCTGCTCCGACCTTCTACCTGATAGACGTGAA
 GCCAAAGCCTATTGAACCTCCACCCAGTATAGAGACTCCAAAGACAACCTTGGGATACCGTCATCTCCG
 CCCCCGAGTCAAAGGAGGACATTACGGACCCTGCACCTCAGCTAAATGGAACGAAGATCCTCCAGGCCA
 AGTCTCAGGAGACCTCACAGAACAGCAAGGCTAATTCAAAGGAGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001012158
- Insert Size:** 1380 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_001012158.1](#), [NP_001012158.1](#)
RefSeq Size: 1787 bp
RefSeq ORF: 1380 bp
Locus ID: 361169
UniProt ID: [Q5PQQ5](#)
Cytogenetics: 16q12.4