

## Product datasheet for **MC216070**

### Gm15091 (NM\_001122735) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm15091 (NM_001122735) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm15091
Synonyms:	OTTMUSG00000018981
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216070 representing NM\_001122735  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGAACCATGAAGACGAAATTAGACAGCTGAGATATCTAGAAGCTGCTAATTCTGAAAAAGAATACA  
 ATGAGGAGAATGACATACAGTCAGAAAGCTCCAGAGGGCAGGCATTTTTCCGTGGACATCCGCGAGGGAG  
 AGGACACAGACGTGACAGTAGGGGAAGAAATGGCCATTTTTTCAGACAAAGATTTTCAGCAAATCATCCT  
 CTACTTCACTGACAAGACAAGTCAACCTAGAAAGTCTAACAAGGAGGAATGAAACCAATCAGAAGAGA  
 GACAGCTACAACAAGAAAGAATCCAATTGTTCTTCAGGAGTTTACATGGCCTCTCCCAATCTCATGACCA  
 CCACATTGGCAGATCTCATGGCCACGATCCAGAAGATCACGTAATCGATTCCAGGAGAGCTCCTGTTTAC  
 TCAGAGAGATCTCATGTCTACTCAGGTAGAATAAATACTATACAGATAGACCACACCATGACCTCTCAG  
 ATAGACCACACAATCAACTCTCAGTGAGACCACATCCTGACCTCTCAGGTAGACCCTTCATGACTACT  
 AGGTAGACCACATCAAAACCATGCAGTTAGGCTTCAACATGGCCACTCAGATAGATATCATCTTACCCAT  
 ACAGAGAGAGTTCTTCTAGCCACTCAGGGATAGCTCATCTGGCCACACAGAGAGAGATAATCAAGTCC  
 AAAGAGGGAGAGCTCATGATAACCAATCAGGGTTAGCTCATCACAAACCATGATGGCAGATCTCATATGA  
 CCACTCAGGGAGAGCTTATCATGGCCATGCAAGGAGAGCTCATAACAACCAAGTATGGAGATCTGATAAC  
 AACCAGTCATGGAGAGATCTTAACCAAGTATGGAGAGGTCGGAACAACCAAGTCAAAAAGAGGTCATGACA  
 ACCAGTCACAGAGAGGTCATGACAACCAAGTACAGTAGAGGTCATGACAACCAAGTACAGAGAGGTCATGA  
 CAACCAAGTCACAGAGAGGTCATAATGATCAGTCATGGAGAGCTCATAACATCCGGTCACGGAGAGATCGT  
 TATCACACCTCATTGAGATCTAGTAGCATCCAGTCATGGATGCTTCATGAAAGAGAAAGATACCATGGTC  
 CAAGAGGAAGAAATGGACCAAGGGATGCATCACCACAGGATCTGAGCCAGAAATTGTGATCGTCTGC  
 AATAAGAGAAAGGACTGACTATTTATGGGTACAGGAACATCGAAGAAATGAGACAGTTGAACTGAATGTA  
 GGGCTAGAAGACGGCTACAGCAGTGCTGAAGAGAGTGATGAAAGTTTTGACAGACTAACCTGTCGCTCCA  
 TGCTAGATACACTATACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001122735
- Insert Size:** 1350 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\_001122735.1, NP\_001116207.1  
RefSeq Size: 2026 bp  
RefSeq ORF: 1350 bp  
Locus ID: 382244  
Cytogenetics: X