

Product datasheet for **MC216760**

Gm16367 (NM_001031622) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm16367 (NM_001031622) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm16367
Synonyms:	MGC107506
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216760 representing NM_001031622
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGGTCAGACCCACCCACTCCAGAAGCGAGCAAGGCAGACACAGCTGAGAGATGAGGCTTTGG
 CCATATCCCCTCTGGAGAACGTGCCAGCTGTGTACATCCCATGGCTGTTCCAAGAGGCCTTTGCTGGCAG
 ACACAACCTCGCTCATAAAGACAATGGTGGCAGCCTGGCCTTTCCAATATCTCCCTGTGGGTCAATTGATA
 AATATGCATAACCTGAAACCTTGAAGCTCTGTAGTGGTGTAGACAGGAGACTGACAAGAAAATTTCC
 CCCCCGGGAGGCCAAAACCTCAGGTTCTCGACATGAGAAATGTGCACCATGTCTTCTGGAACATAGGGAG
 CGATGCAAATGACAGTACTCTGATGCAGAGACCTTGGATGAAAAGCAAGTAGTGAAGGCCCTTCCGAGA
 TATGCACTGAGGCAGCGTCTGAAGATCATAGTTGATCTGTCAATCAGTTCTCAGCTCAATGAAGAAAAAG
 CATATTTCTTGAATTGGCCAAGCAGAGAAAGGGTCCATAAATTTCTGCTGTACAAAGATGAAGATCTG
 GGATGCACCAGACAAAGTTATCAGAGAAATCATGAATGTTTTTCATCCAGAGCACATTACAGAATTAGAA
 CTGTATACCGACTGGACTCTGTTGCGGCTGGCACATTTTCTCCCTACTTTGGGCAGATGAAAAATCTTG
 AAAAAGTCTTCTGGCACCCTCCACAAGAATACCTCCCTATTATGAATATAACAGGGGCCCAAAGT
 CAAGTGTATCAAAAAGATTATTTCTCAGTTTTCCAATCAACTGTCTCCAACATGTCTTCATGAAACGT
 GTCCATTTTCTCAGAGACCACCTGCATCAGATCCTAGGGTGCCTGAGGACGCCCTTGAGACCCTCTCCA
 TCACTCACTGCCTAATTTACAGACAGACTTGGATTCTTTTCTGCTGTACAACTTTTTAAGTTAAA
 AAATCTGGAATCAGAGGAGTGACATTATTTGCTCTCGATCTTATGCCTCTGAGAGGTCTCCTAGGAAAA
 CTGGCAGTACTCTTAAGTCTCTGGATTTTCAGTGGTGTAGCATGAAGGACTCCAGCTCATTGTCTCT
 TACCTGCCCTCAGTCAATGCTCTCAGTCAACCAGATCAACTTCTACAGCAATGACTTCCATGGCCAT
 CCTGAAGGACCTTTTGCAGCACACAGCCAACCTGGAGCAAGATGAATGTGGAACAATACCCTGTCCCTCTG
 GAGTGCTATGATGCATTGGGTCTGTCTCCAGAGAAAGATTTGTGGAACCTTTGTCAGGAGCTCATGGATA
 CCCTCAGGGCCAAAAGAGAGCCTAAGAGCATATCTTTGCAACAATGTCTGCCAAAATGTGGCAAGAC
 CTGTGTCTATGGCCAGGGGGCAAGGCTTTGTTCTGTTTCAGT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001031622

Insert Size: 1446 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_001031622.2, NP_001026793.2
RefSeq Size: 2037 bp
RefSeq ORF: 1446 bp
Locus ID: 545762
Cytogenetics: 5