

## Product datasheet for **MC216064**

### Agmo (NM\_178767) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Agmo (NM_178767) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Agmo
Synonyms:	A530016O06Rik; AI790538; Tmem195
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216064 representing NM\_178767  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGAGCCAGGAGCCCAAGACAATGTTTCAGTTTCTCAGGGTATGCGAGCGATGTTTTACATGATGG  
 AGCCAGTGAAACTGCCTTCCAAACTGTTGAAGAGGTGCCTGATTACGTAAAAAGGCGACTCCATTTTT  
 TATCTTCTTGATTCTGCTTGAAGTAGTCATCAGCTGGATTCTCAAAGGAAACCATCAGGTCGTTTGGAT  
 GATGCTCTCACATCTATATCAGCTGGTGTGTGTCTCGGCTTCCAAGTCTGTTCTCAGGAGCCTTGAAG  
 TGACCAGTTATTTATATCTGGGAAACTACAGACTTTTGAATTGCCTTGGGATTCTACCTGGACGTG  
 GTATTTCACTTTCTTAGGAGTTGACTTTGGCTACTACTGGTCCACCGCATGGCTCATGAGATTAATATT  
 TTCTGGGCAGCACACCAAGCACACCACAGTTCTGAAGACTATAACTTATCCACAGCACTGAGACAGTCTG  
 TCTTGACAGCATAGTTCCTGGGTTTTCTACTGTCCACTGGCCCTTTTCATACCACCTCAGTGTTCG  
 TGTTCAATTCAATCTCCTCTACCAATTTTGGATCCACACAGAGATCATCAGAACCCTTGGCCCT  
 TTGGAAGTGATCCTTAATACTCCTAGCCATCACAGAGTTCATCATGGTAGAAATCGTTACTGCATTGATA  
 AAAACTATGCTGGCACTCTTATTATTTGGGATAGAATTTTGGGACATTTGAAGCAGAGAATGAGCAGGT  
 CATATATGGTCTAACCCATCCCATTGGTACATTTGAGCCATTCAACGTGCAGTTTACCATTACTTTAT  
 ATATGGACTACATTCTGGACCACACCTGGATTCTGCCATAAGTTTTCTGTCCTATTTAAAGGACCAGGAT  
 GGGTCCAGGTAACCAAGACTTGGCCTGAGTGAAGAAATTCAGAGGTTACAGGACAGGAAGTCCCCTT  
 CTCATCCTCAGCATCCCAGCTTTAAAGATCTACACTGCCTCCAGTTTGAGTAATGCTGGCATTATCC  
 GAAGAGACCTTTGCAAACACAGCGGTACTGTCCAGGTCACCTTCTTCTGAGAATCTTCTTTATCC  
 TGACCTTGACGTCCATTGGTTTTCTCTGGACCAAGATCCAAGGCAGCTACTATGGAAACTTTCCGGTG  
 CCTGTTGTTCTTAACCCTGCACAGATTTGGTCACTTAAAGCCTCTTATCCATCTTTATCTTTTGCAATT  
 GAGATTTTCTTTTCGTTTGCAATTGCTTTCTGGGCGTAAGAAGCATAACACAACCTCACCTCGGCTCT  
 GGAAAAAGCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_178767

**Insert Size:** 1344 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:	<u>NM_178767.5, NP_848882.2</u>
RefSeq Size:	2155 bp
RefSeq ORF:	1344 bp
Locus ID:	319660
UniProt ID:	<u>Q8BS35</u>
Cytogenetics:	12 A3
Gene Summary:	Glycerol-ether monoxygenase that cleaves the O-alkyl bond of ether lipids. Ether lipids are essential components of brain membranes (By similarity).[UniProtKB/Swiss-Prot Function]