

Product datasheet for **RN212182**

Agmo (NM_001135899) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agmo (NM_001135899) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Agmo
Synonyms:	RGD1312038; Tmem195
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212182 representing NM_001135899
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGAACCCAGGAGCCCAAGACAATGTTTCAGTTTCCAGGGTATGCGAGCGATGTTTTACATGATGA
AGCCAGTGAAACTGCCTTCCAAACAGTTGAAGAGGTGCCTGATTACGTTAAAAAGGCAACTCCATTTTT
CATCTTCTTGATTCTGCTTGAAGTAGTCGTGCTGAGCTGGATTCTCAAGGGAAAACCATCAGGTCGTTTGGAT
GATATTCTCACTTCTATGTCAGCTGGTGTGTATCTCGGCTTCCAAACCTGTTCTTTAGGAGCCTTGAGG
TGACCAGTACATTTATCTGGGAGAAGTACAGAGTTTGTGAGTTGCCTGGGATTCTCCATGGACGTG
GTATTTAACCTTCTAGGAGTTGACTTTGGTACTACTGGTTTCCCGCATGGCAGATGAGATTAATATT
ATCTGGGAGCTACCAGGCACACCACAGTTCTGAAGACTATAACTTAAGCACGGCACTGAGACAGTCCG
TCCTGCAGCAATACAGTTCCTGGGTTTTCTACTGTCCCCTGGCCCTTTTCGTACCACCTCAGTGTTCG
TGTTTCATATTTCAATTTAATCTCCTCTACCAATTTTGGATCCACACAGAGGTCATCAGAACCCTTGGCCCT
TTGGAAGTGGTCCTTAATACTCCGAGCCATCACAGAGTTCACCATGGTAGAAATCGTTACTGCATAGATA
AAAATATGCTGGCACTCTTATTATTTGGGATAGAATTTTCGGGACATTTGAAGCAGAGAATGAACAGGT
TATATATGGTCTAACCCATCCCATTGGAACATTTGAGCCATTCAAAGTGCAGTTTACCATTACTCTAT
ATATGGACAACATTCTGGGCCACACCTGGTTTCTGCCATAAGTTTTCTGCTCTATTTAAAGGACCAGGAT
GGGGTCCAGGTAACCAAGACTTGGCCTGAGTGAAGAAATTCAGAGGTTACAGGACAGGAAGTCCCTTT
CACATCATCGGCGTCCAGTTCCTGAAGATATATGCTGTCCTCCAGTTTGGCGTAATGCTGGTGTTCAT
GAAGAGACCTTTGCAAATACAGCGGTATTATCTCAGGTAAGTATCTCCTGAGGATCTGCTTCATTATTC
TGACCTTGACATCCATTGGTTTCCTTCTGGATCAAAGACCAAGGCAGCGATTGTGAAACTCTCCGGTG
TCTGTTGTTCTTAACCTGTACAGATTTGGTCACTTAAAGCCTCTCATTGAATCTTTATCATTTCGATTT
GAGATTTTCTTTTCGGTTGCATTGCATTCTGGGAGTAAGAAGCATAACGCACCTCGCCTCTGGCTCT
GGAAAAAGCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001135899

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: [NM_001135899.1, NP_001129371.1](#)
RefSeq Size: 2132 bp
RefSeq ORF: 1344 bp
Locus ID: 362732
UniProt ID: [A0JPQ8](#)
Cytogenetics: 6q21
Gene Summary: Glycerol-ether monooxygenase that cleaves the O-alkyl bond of ether lipids. Ether lipids are essential components of brain membranes (By similarity).[UniProtKB/Swiss-Prot Function]