

Product datasheet for MR216084

Vmo1 (NM_001013607) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vmo1 (NM_001013607) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Vmo1
Synonyms: Gm741
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216084 representing NM_001013607
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGAGTTGCAGGCTGGAGCCAGGCTGTTACTGCTGCTGGGGGTGATGTGCTATGGACATGCACAGATTC
 AAGTTCACGTAGAACCACGCTATGCATCGATCGTTGACGTGACCAACGGTGTACCTGGGGTGATTGGGC
 CTGGCCTGAGATGTGCTCTGATGGATACTTTGCCAGTGGGTTCTCTGTCAAGGTGGAGCCCCCTCAAGGC
 ATTCCTGGAGATGACACAGCTCTGAATGGGATCCGGCTACACTGCACTCGAGGGAACACAGAAAAACA
 CCCACGTCGTGGAGTCCCAGTCCGGAAGCTGGGGTTCATGGAGTGAGCCTCTGTGGTGTCTGGCACTAG
 CTCTTAGTGGCTTTCTGCCTCCGGGTGGAGCCATTTACATTCCCAGGGGACAACACTGGAGTGAACAAC
 GTGCGCTTCCGTTGCTCAGACGGCTGGAGCTGGAGGGGCTGGGCTGAACTGGGGAGACTACGGAGAGT
 GGAGCAACTCATGTCCAAAGGTGTCTGTGGCTTGAGACCAAAATCCAGAAGCCAAGAGGCTCCGAGA
 TGACACTGCACCTAATGACATCAGAATATTCTGCTGTGCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216084 representing NM_001013607
 Red=Cloning site Green=Tags(s)

MELQAGARLLLLLVGVMCYGHAQIQVHVEPRYASIVDVTNGGTWGDWAWPEMCPDGYFASGFSVKVEPPQG
 IPGDDTALNGIRLHCTRGNISQKNTHVVESQSGSWGSEPLWCPGTSFLVAFCLRVEPFTFPGDNTGVNN
 VRFRCSDGVELEGPLNWGDYGEWSNSCPKGVCGLQTKIQKPRGLRDDTALNDIRIFCCAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



[View online »](#)

Chromatograms: https://cdn.origene.com/chromatograms/mm9006_d04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001013607

ORF Size: 603 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001013607.1](#), [NP_001013625.1](#)

RefSeq Size: 672 bp

RefSeq ORF: 606 bp

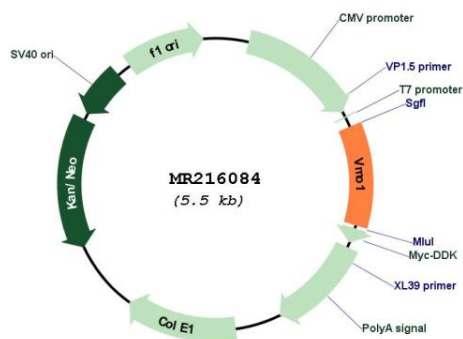
Locus ID: 327956

UniProt ID: Q5SXG7

Cytogenetics: 11 B3

MW: 22.4 kDa

Product images:



Circular map for MR216084