

Product datasheet for **MG223730**

Vmn1r62 (NM_030741) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r62 (NM_030741) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Vmn1r62
Synonyms:	V1rd2; V1rd8; V3R2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223730 representing NM_030741 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTGTGGCTCTTCAGATCCTTTTGCTTTGCCATGTTGTGGTTGGGACTGTGGCAACATCCTTC
TGTTTGTCCATAACTTCTCTCCAATCTTGACTGACTCCAGACTGAGGCCAATAACAAGTCATTCTAATCAA
CTTGGCTGTGGCAATGCATTTCATGCTCCTTCTGTTTGCATATTCATATGACCTTACTGATATTGTTCCC
AGGAAGCCTCCAACCTGACCTCAAATGTAACTTGCATATTTCTTTCACCTGGTTGCTCGAGGCACAATCA
TGTGCTCCACCTGTGCCTCAGCACCTACCAGTTTGTCACTCTTGTTCCTGGTACCTGGGCTAGGGTCAT
GTTCAGCGAAATATCCCCAAGGTTGTGAGCTATTGTTGTTACAGCTGCTGGTTGTTCAAGTCTTAAAT
AATGCTTACATGCTAATGAATGTCAAGTCCACAGAAATCACACAATGACTCTGATTCTAAAAGCAATT
CGATATGCTCCATCTCTGGGGTCAAGTGTAGACATGAATATCTTGGCGTTTTCCCATGACATCATATTCCT
AAGCATCATGGCCTGGACCAGTGTCTCCATGGTGATTCACCTACACAGACACCACCAGAGAATGAACCAC
ATACATAAGGTCAATCAAAACAACAGAGGCCATGCTGAGACCAGAGCAGCCACACCATCCTGATGCTGG
TGGTCACATTTGTGAGCTTATATATTCTAAATTGATTAGTATTTTATTTTACATTTCTTTGTGGAATC
TCGTCTCTGTTGAGGTATGTCACAAAACCTCTGGCTCTAAGCTTCCCCACCATTCTCCTTTACTGTTG
ATATTTAGGGATTCTAAGGGTCATTGTTCTCTGCACATCATGTCAAGTATGGAAATCCACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223730 representing NM_030741
Red=Cloning site Green=Tags(s)

```
MEVLALQILLLLCHVVVGTVGNILLFVHNFSPILTDSRLRPIQVILINLAVANAFMLLLFAYSYDLTDIVP
RKPPDCLKCKLAYFFHLVARGTMCSTCVLSTYQFVTLVPGTWARVMFSEISPKVVSYCCYSCWLFVVLN
NAYMLMNVSGPQKSHNDSKSKNSICSISGVSDMNILRFSHDIIFLSIMAWTSVSMVIHLHRHHQRMNH
IHKVNQNNRGHAETRAAHTILMLVVTFSVLYILNCISILFYISFVESRLWLRVYTKLLALSFFTISPLLL
IFRDSKGHCSSLHIMSVWKST
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_030741

ORF Size: 900 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_030741.2](#), [NP_109666.2](#)

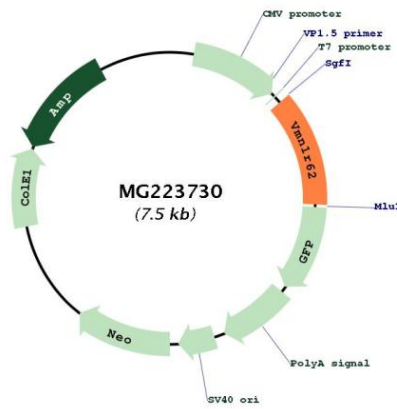
RefSeq Size: 1997 bp

RefSeq ORF: 903 bp

Locus ID: 81016

Cytogenetics: 7 A1

Product images:



Circular map for MG223730