

Product datasheet for **MG223286**

Vmn1r56 (NM_030740) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r56 (NM_030740) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Vmn1r56
Synonyms:	V1rd3; V3R3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223286 representing NM_030740 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTGTGGCTCTTCACATCCTTTTGCTTTGCCATGTTGTAGTTGGGACTGTGGCAACATCCTTC
TGTTTGTCCATAATTTCTCTCCAATCTTGACTGATTCGCGACTGAGGCCACATACAGGTCATTCTAATCAA
CTTGGCTGTGGCAATGCATTTCATGCTCCTTCTTTGACATATTCACATGACATGATTGATTTTGTCCA
AAGAACCCTCCAACCTGACCTCAAATGTAACCTGCATACTTCTTTCACATGGTGGCTCGAGGCACAAACA
TGTGTTCTACCTGTGCCTCAGCACCTACCAGTTTGTCACTCTTGTTCCTGGTAACCTGCGCTAGGGTCAT
GTTCAGAGAAATATCCCCAAGGTCGTGAGCTATTCTTGTTCAGTTGCTGGTTGTTCAAGTCTTAAAT
AATGCTTATATCCCAATGAATGTCAAGTCCACAGAAATCACACAATGACACTGATTCTAAAGGCAATT
GTATATGCTCCGTCTCTGGGGTCAGTGTAGACATGAATTTCTTTCGTTTTTCCCATGACATCATGTTCT
TAGCATCATGGCCTGGACCAGTGTCTCCATGGTGATTCATTTAAACAGACACCACCAGAGAATGCACTAT
ATACATAATCATAACCATAAAAAACAGGCCATGCTGAAACCAGAGCAGCCCACACCATCCTGATGCTGG
TGGTCACATTTGTGAGCTTATATATTCTAGATTGATTTGATTTTATTTACATTTCTTTGTGGAATC
TCGACTCTGTTGAGGCATGTCATACACTTATGACTCTAAGCTTCCCCACCATTCTCCCTTACTGTTG
ATTTTTAGGGATCCTAGGGTCATTGTTCTCTGCTCTTCAGTGTGGCCCTGAAATCCACATGACTAGGG
GAGACATTACAGAGGAACAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223286 representing NM_030740
 Red=Cloning site Green=Tags(s)

MEVLALHILLLLCHVVVGTVGNILLFVHNFSPILTDSRLRPIQVILINLAVANAFMLLLLTYSHDMIDFVP
 KNPPDLKCKLAYFFHMVARGTNMCSTCVLSTYQFVTLVPGNCARVMFREISPKVVSYSFCSCWLFVSLN
 NAYIPMNVSGPQKSHNDTDSKGNICISVSGVSDMNFRRFSDHIMFLSIMAWTSVSMVIHLNRHHQRMHY
 IHNHNHKNHTGHAETRAAHTILMLVVTFFVSLYILDICICILFHISFVESRLWLRHVIQLMTLSFPTISPLLL
 IFRDPRGHCSLLFSVGLEIHMTRGDITEEQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_030740

ORF Size: 930 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_030740.1](#), [NP_109665.1](#)

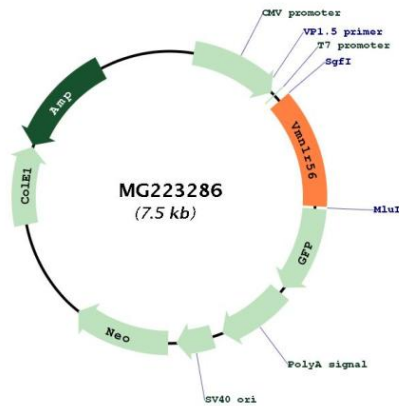
RefSeq Size: 1836 bp

RefSeq ORF: 933 bp

Locus ID: 81015

Cytogenetics: 7 A1

Product images:



Circular map for MG223286