

Product datasheet for **MG223516**

Vmn1r214 (NM_134214) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r214 (NM_134214) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Vmn1r214
Synonyms:	V1rh5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223516 representing NM_134214 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGTCTACCACTGCCTCTTGAACACAAGAAAATGCTATTATACCAACTGTGGTCTCAGACCCATGTC
TAGCATTACTGATGCTTTCTTTAAAATGTATTTTCATCCTGCATACAAGGAAGGAAGAAATGATTTGGAA
GTTAATTAAGAAAATACTTTTTCTTTCATGACCATGCTTGGCATTCTGGGAACATGTTTGTCTGTG
AATTTTATGCTCAGTTGGTGGGAAGCCCTGAGAAGAAATCCGTACACCTTATTCTCATCCACTTGGCTT
TTACAAACATCATAATCCTTCTTACAAAAGGATTGCAAAAGACTATTGTAGCTTTTGGTTTGAGAACTT
CCTAAATAACTTAGGCTGTAAGATCATTGTTTACATGGAGAGGGTGGCCCATGGCCTCTCCCTCTGCACC
AGCAGTCTCCTCACTGTGGTCCAGGCCATCATCATCAGCCCCAGAGCATCTGGATGGAGGAGGCTCAGGC
CAAAGTCTGTACGGCACATCCTTCCATTCTTCTGTTCTTTTGGATACTCAATGCATTAATAAGTATGAA
CCTAATCAATCCATCACAAGTACAAGACTGAATATATCACAACTAAGAGTGATGACAATATTGTTAT
TTATGTTACCAAGTCAGAAAATCAATGGATTGTTCTCCCTCTCATGGTCTGAGAGATGCAGTGTTC
AGGGTGCCATGGGAGGGGCCAGTGGCTACATGGTATTTCTTCTCCACAAGCACCACCAGCATGTCCTCTA
CCTTCAGAACTCCAAGCTTCTCTACAGAACTCCCCCTGAGCTGAGAGCTGCCAGAGTGTCTCTCTCAAGG
ATGCTCTGTTTTGTTTTCTTCTACTGGACTGATTGTGCCTTTTCTAGTTTTAAGTCTCTCCTCAAGG
ACAAAACCTTGACAGTAAATCCTCGAGAACTTTTGACCCTTGGTTATGCAACGTTTAGTCCCTGGTGCT
GATTCACAGGGATGGGCTTCTGTTTGAATGTTGTGTCATGCTCAGTTGAAGAACTGAGAAATTGTCTCTCA
TTTATATGTTCAACAAGGAAGAAGAAACTCTCAGTTCTGCAACACTGTGGG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223516 representing NM_134214
 Red=Cloning site Green=Tags(s)

MRLPLPLEHKKMLLYQLWCDPCLALLMLSLKCIFILHTRKEEMIWKLIKILFLFMTMLGILGNMFVSV
 NFMLSWWGSPEKKSIVHLILIHAFNIIILLTKGLQKTI VAFGLRNFLNLLGCKIIVYMERVAHGLSLCT
 SLLT TVVQAI IISPRASGWRRLRPKSVRHILPFFLFFWILNALISMNLINSITSTRLNISQLKSDDNVYCY
 FMLPSQIKWIVLPLMVL RDAVFQAMGGASGYMVFLHKKHHQHVLYLQNSKLLYRTPPELRAAQSVLLL
 MLCFVFFYWTDCAFSLVLSLSSRDKLT VNPRELLTLGYATF SPLVLIHRDGLLFECCHAQLKCLRNCLS
 FICSTRKKKLSVLQHC

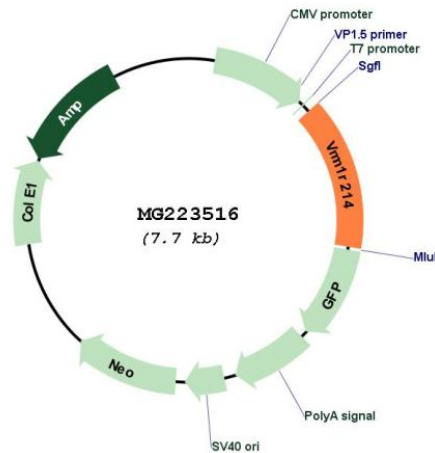
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_134214

ORF Size:	1101 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:	<ol style="list-style-type: none">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_134214.1 , NP_598975.1
RefSeq Size:	1104 bp
RefSeq ORF:	1104 bp
Locus ID:	171248
Cytogenetics:	13 A3.1