

## Product datasheet for MR223516

### Vmn1r214 (NM\_134214) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r214 (NM_134214) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r214
Synonyms:	V1rh5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223516 representing NM_134214 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGTCTACCACTGCCTCTTGAACACAAGAAAATGCTATTATACCAACTGTGGTCTCAGACCCATGTC  
TAGCATTACTGATGCTTTCTTTAAAATGTATTTTCATCCTGCATACAAGGAAGGAAGAAATGATTTGGAA  
GTTAATTAAGAAAATACTTTTTCTTTCATGACCATGCTTGGCATTCTGGGAACATGTTTGTCTGTG  
AATTTTATGCTCAGTTGGTGGGAAGCCCTGAGAAGAAATCCGTACACCTTATTCTCATCCACTTGGCTT  
TTACAAACATCATAATCCTTCTTACAAAAGGATTGCAAAAGACTATTGTAGCTTTTGGTTTGAGAACTT  
CCTAAATAACTTAGGCTGTAAGATCATTGTTTACATGGAGAGGGTGGCCCATGGCCTCTCCCTCTGCACC  
AGCAGTCTCCTCACTGTGGTCCAGGCCATCATCATCAGCCCCAGAGCATCTGGATGGAGGAGGCTCAGGC  
CAAAGTCTGTACGGCACATCCTTCCATTCTTCTGTTCTTTTGGATACTCAATGCATTAATAAGTATGAA  
CCTAATCAATCCATCACAAGTACAAGACTGAATATATCACAACTTAAGAGTGATGACAATATTGTTAT  
TTTATGTTACCAAGTCAGAAAATCAATGGATTGTTCTCCCTCTCATGGTCTGAGAGATGCAGTGTTC  
AGGGTCCATGGGAGGGGCCAGTGGCTACATGGTATTTCTTCTCCACAAGCACCACCAGCATGTCCTCTA  
CCTTCAGAACTCCAAGCTTCTCTACAGAACTCCCCCTGAGCTGAGAGCTGCCAGAGTGTCTCTCTCAAGG  
ATGCTCTGTTTTGTTTTCTTCTACTGGACTGATTGTGCCTTTTCTCTAGTTTTAAGTCTCTCCTCAAGG  
ACAAAACCTTGACAGTAAATCCTCGAGAACTTTTGACCCTTGGTTATGCAACGTTTATGCTCCCTGGTGCT  
GATTCACAGGGATGGGCTTCTGTTTGAATGTTGTGTCATGCTCAGTTGAAGAACTGAGAAATTGTCTCTCA  
TTTATATGTTCAACAAGGAAGAAGAAACTCTCAGTTCTGCAACACTGTGGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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**Protein Sequence:** >MR223516 representing NM\_134214  
Red=Cloning site Green=Tags(s)

MRLPLPLEHKKMLLYQLWCDPCLALLMLSLKCIFILHTRKEEMIWKLIKILFLFMTMLGILGNMFVSV  
 NFMLSWWGSPEKKSIVHLILIHAFITNIIILLTKGLQKTIVAFGLRNFLNNGCKIIVYMERVAHGLSLCT  
 SLLTVVQAIISPRASGWRRLRPKSVRHILPFFLFFWILNALISMNLINSITSTRLNISQLKSDDNYCY  
 FMLPSQIKIWIVLPLMVLRDVAFQAMGGASGYMVFLHKKHHQHVLYLQNSKLLYRTPPELRAAQSVLLL  
 MLCFVFFYWTDCAFSLVLSLSSRDKTLTVNPRELLTLGYATFSPLVLIHRDGLLFECCHAQLKKLRNCLS  
 FICSTRKKKLSVLQHC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9063\\_f01.zip](https://cdn.origene.com/chromatograms/mm9063_f01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**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:**

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

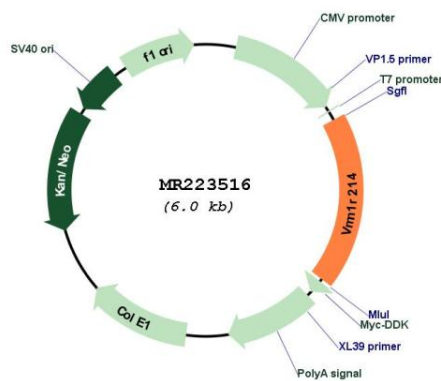
**RefSeq ORF:** 1104 bp

**Locus ID:** 171248

**Cytogenetics:** 13 A3.1

**MW:** 42.3 kDa

**Product images:**



Circular map for MR223516