

Product datasheet for MR224715

Vmn1r81 (NM_134210) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r81 (NM_134210) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r81
Synonyms:	V1rg9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224715 representing NM_134210 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAATGACTTCTATAAACTTGCCAATGGGAATATTCCTCTTTCCAGATTGTAATGGGAATCTTTG
GCAATTCCTCAATACTATTTTATTATGTCATTTTCATATTCAGTGGAAACATTTAATGCCTAAAGACAT
GATCATAGAGCACTTGACTTTATCCAAGTCTGTCTCTAATCTCAAAGGCATTCACAGACATTGTCT
GATTTTGGATTTAAAACTTTCTGGATGATATTGGATGCAAAGTGATAATGTATATTTACCGAGTAACAA
GGGGGATGTCCTGTATGCAATGTGCCTACTGGGTTGTTTCCAAGCAATCACAATCAGTCCAGCAACTC
CAGATGGATTATGCTTAAACACAGAGCCACAAAGTATATTGGTTCTTCTGTTTAGTCAGTTGGCTGTG
AATTTGCTTCTAAACATCATGACGCTAGTAAAAGTGACAGTCCCCACTTACAGCAAAAATGTGACAAACA
CGAATAGTTATGGGACTGCTCATGGTTTCTCCAAGCAATCTGGCAACTGCACTGTATATGTTCTTACT
CTGCTTCTGTGATGGCCTGTGTCTAAGTCTCATGGCCTGCTCAAGTGTCTCTATGATGAATATCCTCTAC
AAACATAAGAGACAAGTCAAGCATATCCATAGTGTCTCAACACCTTCTGAAAGTCTCGCCTGAGGACAGAG
CTACACAACTATCCTCATCCTGGTGTGCACATTTATCATCTCTTATAACAATCTCTTCTACTCGTGAAT
CTTTACAACCTACTCCAATGTTTCAGAGATTTGGAGAGTAAGTGTATTTATTTCTAGAAATATGCTTT
CCCATATTTTGTCCCTTGTCTCATCAGCAATATAAAGTGTAGTTTCAGACTATTTTACCCTTCTGTG
GAAAGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224715 representing NM_134210
Red=Cloning site Green=Tags(s)

MKMTSINLPMGIFLFSQIVMGIFGNSSILFYVIFIFSGKHLMPKDMIIEHLTSLNCLSLISKGIPQTLS
 DFGFKNFLDDIGCKVIMYIYRVTRGMSLYAMCLLGCFQAITISPSNSRWIMLKHRATKYIGSSCLVSWLV
 NLLLNIIMTLVKVTPTYSKNVTNTNSYGYCSWFAPSNLATALYMFLLCFCDGLCLSLMACSSVSMNNILY
 KHKRQVKHIHSAQHLLKVPEDRATQTILILVCTFIISYTISSLRVIFTTYSNVSEIWRVSVFIFLEICF
 PIFCPFVLIISNIKCSFRLFLPFCGKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9063_e09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_134210

ORF Size: 918 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_134210.1](#), [NP_598971.1](#)

RefSeq Size: 921 bp

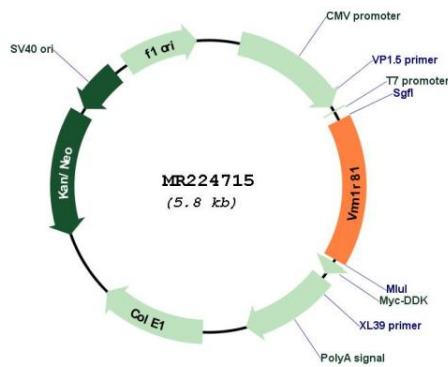
RefSeq ORF: 921 bp

Locus ID: 171244

Cytogenetics: 7 A1

MW: 34.9 kDa

Product images:



Circular map for MR224715