

Product datasheet for MR223475

Vmn1r226 (NM_134191) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r226 (NM_134191) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r226
Synonyms:	V1re2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223475 representing NM_134191 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTTGAGGACCATGATAGTTGGAATAGTGCTCTCACTTCAGACGGCACTTGGTATTCTAGGAAACG
TCTCTCTCTTTTCTACTACCTAATCATTTATTACAATGAACACACAATGAAGAAAATAGATATGATTCT
TATACATGTGTTACATCCAACCTTAACTATTCTTTCAAAGGACTCCCTGAAGTAGTAAAGCTTTT
GGGTGGAAGCAGTTATTCAGTGATGTTGGGTGCAAACCTACTAATTATTTCAAAGACTAGCCAGGAGTA
TGCCATCAGCACCACCTGTTTCTGAGTGCTTTCAAGCAATCACCATTAGCCCGAGAACTCCTGCTT
GAAGGAATATAAAACCAAACACTACAAAGTTTATGGGCCTGTTCTTTTCTCTGCTGGATCCTTTTCATT
CTAGTAAATATGCTTTTCCCATTTATACAGCTACCAATAGGAATAAAAAATAAGACAAAAAGAGAG
ACTTTGAATTCTGCCACTCTATAGGTCGTGACAACTAGTAGATAAATGTATACAGCATTTTGTGTATT
TCCTGAAGTCATATTTTCTGCTCATTGTAAGTTCCAGTGCTTTTATGATTTTCATACTTTATGGACAT
AAGAAGAGGGTTCAACACACTCTCCACATTCATGCCTCCATCAGAACTCTGCTGAAAACAGAGCCACAC
ACAACATCTTGACTCTGGTTTGTACATTTCTAGCATTTTATACTCTCTTCAATTTTACAAGGCTATAT
TGCTCTTTCAAATAATCCAGTTGGTGGTAATGAATATCACAGCAATAATTTCCATGTGTTTTCTACA
TTAGGCCCTATTGTGATAAGTCTGATTTCGCTATTTCCAGATTCTGCTTACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR223475 representing NM_134191
Red=Cloning site Green=Tags(s)

MDLRTMIVGIVLSLQ TALGILGNVSL LFYYLIIYYNEHTM KKIDMILIHVFTSNFLTILSKGLPEVVKAF
 GWKQLFSDVGCKLTNYFQRLARMSISTTCFLSVFQAITISPRNSCLKEYKTKTKFMGLFFSLCWILFI
 LVNMLFPIYTATNRNKNKTQKRDFEFCHSIGRDKLVDIMYAF CVFPEVIFSL LIVSSSAFMIFILYGH
 KKR VQHTLHIHASIRNSAENRATHN I LTLVCTFLAFYTLSSILQGYIALSNPNSWVVMNITAIISMCFPT
 LGPIVISPDFAISRF CFT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9080_h01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_134191

ORF Size: 894 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_134191.1](#), [NP_598952.1](#)

RefSeq Size: 897 bp

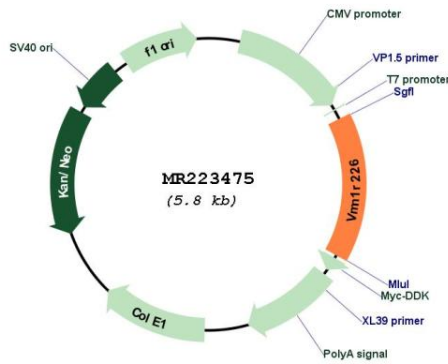
RefSeq ORF: 897 bp

Locus ID: 171225

Cytogenetics: 17 A3.2

MW: 34.2 kDa

Product images:



Circular map for MR223475