

Product datasheet for **MR223348**

Vmn1r127 (NM_001166726) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Vmn1r127
Synonyms:	621561; Gm6239
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR223348 representing NM_001166726
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTGATCATGGTAAATCCGTGAAAACCACTGAGGAAGTGGCTCTTCAGCTCCTCTTGCTTTGCCAGT
TTGGGGTTGGGACCTTGGCCAATGTCTTTCTGTTTGTCCATAATTTCTCTCCAGTCTTGACTGGTTCTAA
ACAGAGACCCAGACAGGTGATTTTAAGCCACATGGCTATGGCCAATGCCTTGACTCTATTCCTCACTATA
TTTCCAAACAACATGATAGCTTTTGTCTCAAAAACCTCCTCAACTGAACTCAAAATGAAATTAGAATTCT
TCAGTCACATGGTGGCAAGAAGCACAAACTTGTGTTCCACCTGTGCTCTGAGTATCCATCAGTTTGTGAC
TCTTGTTCTTGTTAATAGAGGTAACTTATACTAAGAGCTAGTGTCCAAATTTTGTGAGTTATTCTTGT
TACAGTTGTTGGTTTTTCAAGTGTCTTAAGTAACATCCACATTCCAATTAAGGTCAGTGGTCCACAGATAA
CAGACAATAACACTGACTCTAAAAGCAACTTGTCTGTTCCACTTCTGGATTCAATTGTAGGCATTGTCTT
CTTGCAAGTTTGCCTATGATGCCACATTCATGAGCATCATGGTCTGGACCAAGTGTCTCCATGATACTTCTC
CTCCATAGACATCGCCAGCGAATGCAGCACATCCTCACTCCCAATCAGAACCCAGAGGCCAAGCTGAGA
CAAGAGCAACCCGTAATCTGATGCTGGTGGTCACATTTGTTAGCTTTTATCTTCTAAATTTTATTTG
TATCATCTTTTATACCCCTTTTAAATGCATTCTCATCTTTCATACGGCTTGTGAGGTTCTGACTGCA
GTCTTCCCGAGTATCTGCCCTTACTGTTGATCTTCAGAGATCCTAAAGATCCTGTTCTGTGCTTTTCA
ACTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>MR223348 representing NM_001166726

Red=Cloning site Green=Tags(s)

MSDHGKSVKTTTEVALQLLLLCQFGVGTLANVFLFVHNFSPLVTGSKQRPRQVILSHMAMANALTFLTI
FPNNMIAFAPKTPPTTELKCKLEFFSHMVARSTNLCSTCVLSIHQFVTLVLVNRGKLILRASVPNFVSYSC
YSCWFFSVLSNIHIPIKVTGPQITDNTDSKSNLFCSTSGFIVGIVFLQFAYDATFMSIMVWTSVSMILL
LHRHRQRMQHILTPNQNPGRQAETRATRTILMLVVTFSFYLLNFICIIFHTLLMHSFLFIRLVSEVLTA
VFPSICPLLLIFRDPKDPKPCSVLFNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

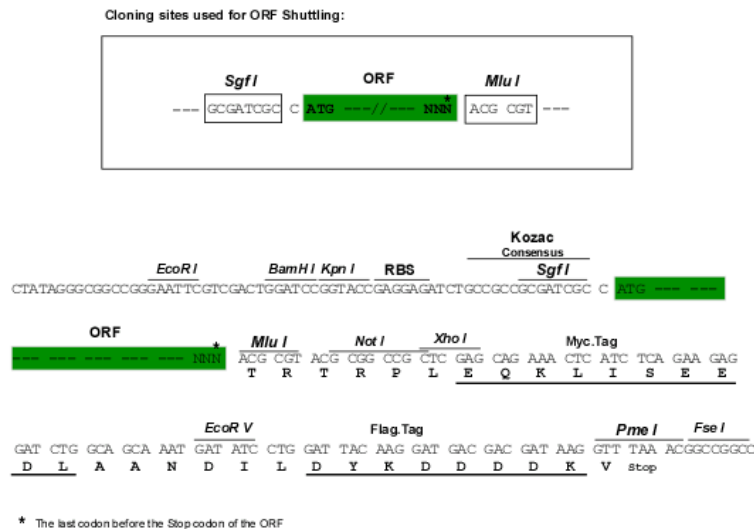
Chromatograms:

https://cdn.origene.com/chromatograms/mm9073_a05.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001166726

ORF Size:

915 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001166726.1](#), [NP_001160198.1](#)

RefSeq Size: 918 bp

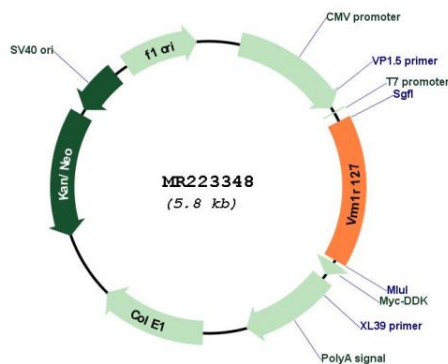
RefSeq ORF: 918 bp

Locus ID: 621561

Cytogenetics: 7

MW: 34.4 kDa

Product images:



Circular map for MR223348