

Product datasheet for MR223135

Vmn1r215 (NM_134219) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r215 (NM_134219) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r215
Synonyms:	V1ri2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223135 representing NM_134219 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTGGAATAATATTATCCACACAATAATCTTTCTTTCTTACTGGACCTGGAATTGTGGAAATA
TGCTAATATTTATAAGGCATATATACATGCCTGCCTTGGGGACTGAGAAGAAACCTGTCGACCTATTGT
AATCCACTTGGCATTCTTAATATGATTACTATTTGTACAACCTGGGATCAAAGATATAGCCACAGTGTT
TATTTTCAGAACTTCTTAGGTGATATTGGCTGTAAGCTGTGGTTTTTCTGGCAAGGATGGCAAGGGGCC
TCTCCATCTGCACTACCTGTCTCCTCAGTGTGGTCCAGGCTATCACCATCAGTCCAGAACTTCCCTTTG
GACAAAGCTTAAACCACAACAGCATGCCAAATTATCCCTTTATCTTGTCTTTGGATTTTAAATGGT
CTCATAAGCTCCAATTGCTCTCCTACATCAAAGGAGGAGTAGCTTGAACAGGTCTGTTGCTGCAACAT
TCATTGGCCACTGTTATATGCTCCAATCAAGACACACCATCAAGTGGATTTTCTCTCTCATGACTCT
TCGTGATGTTATTTTTCAGAGTCTCATGGGCTGGAGCAGTGGGTCCATGGCTCTCAATCTGTATAAGCAC
CACAAGCGTGTCTCTACCTTTACAGCTCCAGGTTTGGGAACAACCTCCCTCCAGAAATCAGAGCTACAT
GGAGTGTCTCATTCTTATGACCTGTTTTCTTTATTCTACTGGGCAGATTTCTCTCTCTCTTTACCA
TGGTTTTACAGTGACACATGAGTCTATTTTACTAAATATTAAGTGTTTTGAAGCTGGTTATGTTAGT
TTCAGTCCCTATGTTCTTATCAGTAGATATATCCATCCTCCTAATGTCTTCCATGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223135 representing NM_134219
 Red=Cloning site Green=Tags(s)

MNWNIIHTIIFLSLTGPGIVGNMLIFIRHIYMPALGTEKKPVDLIVIHAFSNMITICTTGIKDIATVF
 YFRNFLGDIGCKAVVFLARMARGLSICTTCLLSVVQAITISPRSLWTKLKPQTACQIIPFILVFWIFNG
 LISSNLLSYIKGGSSLNRSVAATFIGHCYMLQSRHTIKWIFLSMLTRDVFQSLMGWSSGSMALNLYKH
 HKRVLYLYSSRFANNSPPEIRATWSVLILMTCFLLFYWADFILSFYHGFVTTHESILLNIKVFLELGYVS
 FSPYVLISRYIHPPNVFHAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9063_f05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_134219

ORF Size: 900 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_134219.1](#), [NP_598980.1](#)

RefSeq Size: 903 bp

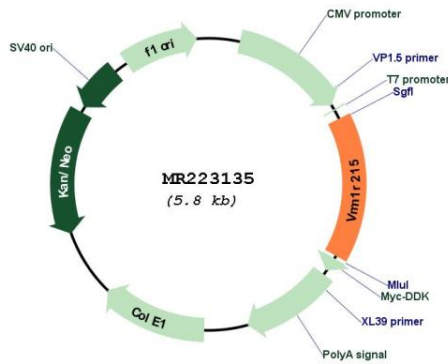
RefSeq ORF: 903 bp

Locus ID: 171253

Cytogenetics: 13 A3.1

MW: 34.2 kDa

Product images:



Circular map for MR223135