

Product datasheet for MR224124

Vmn1r235 (NM_134199) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r235 (NM_134199) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r235
Synonyms:	V1rf2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224124 representing NM_134199 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTCAGTGCCTCATCTTCCCTCCATGATTCTCAGGTTCCAGCCATCAGGAAATGATGGGATGACAG
CCAGGAATATGGCCCTAGGTATAATCTTCTTATCCCAAATGCACTTGGACTTCTGGAAATCTTCTGT
CTTCTTCAATTACTTATTGCTTTGTTTTCGAGGTACAAGCTGAACTCCACAGACTGGATGTTGAATTAT
TTGGTTGTAGCAAATCTTAATCTGCTGTGCAAAGGAGTGCCCGAGCCATGGCAGCTTTTGGGCTTA
AAGATTTCTAAGTGATTTTGGGTGCAATCTCCTCTTTTACATTCACAAAATGGGCAGGGGTACATGTAT
TTGCAGCAGCAGTTTGTGAGTGTCTTCCAGGCCATCACAATCAGCAACAGGAACTTTATGTGAAAGAG
TTTAAAGCCAAATCATCCAAGTTCAGTGGCTTCTTTCTGTGTCTTTGTTGCACTCTGAACATCCTCATGA
GTACTTATAATCTCTTTTACATGACTGGAAAATGGGCCACAGAAATATGACAATTATACAAGACTTTGG
CTTCTGCTCTGTTTGTCTTGACAAAATGGACAAATCCTGCATACTATATTCCTTCTCCTGATGTT
GTGTATCTGGACTCTTGGTCTGGACCAGCATATCTACTGTTCTCATCTTGCACAGGCACAAGCAGAGAC
TGGAGCATTCCAGAAACAAACATCTTCAATCATCCACGGAGTCCAGGGTATAAAAACCATCCT
TCTTCAATTGAGTACATTTATGTTATGTTATATAATTTCTGCCTCTTTCAACTGTTTCTGTCTTTCTTG
CATAACCAAGCTGGTTACTCATAAACATATCCATTGTCAATTTCTGGGTGTTTCCAGCTATGAGTCCCT
TTCTGCTCATGAACCACTACTCCATAGCATCTAGCCACTGTGTTCTTGCATGAGAAATGGCAAACCT
GATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224124 representing NM_134199
 Red=Cloning site Green=Tags(s)

MLSVPHLPLHDSQVQPSGNDGMTARNMALGIIFLSQTALGLLGNSSVFFNYLLLCFSRYKLNSTDWMLNY
 LVVANFLTLLCKGVPQTMAAFGLKDFLSDFGCNLLFYIHKMGRGTCICSSSLMSVFQAITISNRNFMWKE
 FKAKSSKFSGFFLCLCCTLNILMSTYNLFYMTGKLGHRNMTIIQDFGFCVCLDKTGQILHTIFLPLPDV
 VYLGLLVWTSISTVLILHRHKQRLEHIPRNKHSSQSSTESRVIKTILLQLSTFMLCYIISCLFQLFLSFL
 HNPSWLLINISIVISGCFPAMSPFLLMNHYSIASSHCVPCMRNWQNLI

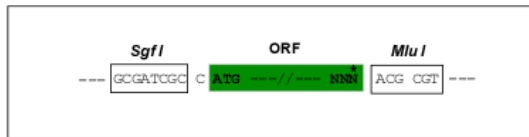
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9063_d11.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_134199

ORF Size: 984 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_134199.3](#), [NP_598960.3](#)

RefSeq Size: 1781 bp

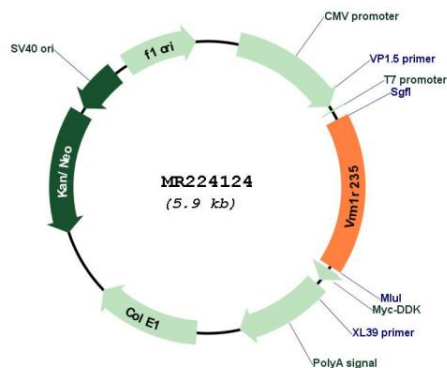
RefSeq ORF: 987 bp

Locus ID: 171233

Cytogenetics: 17 A3.2

MW: 37.2 kDa

Product images:



Circular map for MR224124