

## Product datasheet for **MC216133**

### **Vipr1 (NM\_011703) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Vipr1 (NM_011703) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vipr1
Synonyms:	AV071699; VIP-R1; VPAC1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216133 representing NM\_011703  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGCCCTCCGAGCCTACCGCCTGCCCGTGGCTCTGCGTGCTGGCAGGAGCCCTCGCCTGCGCCCTCG  
 GACCCGCGGGCAGCCGGGCAGCCAGCCACACCAGGAGTGTGAGTACCTGCAGATGATTGAGAAACAGCG  
 TCAGCAGTGCCTGGAGGAGGCCAGCTGGAGAATGAAACCACAGGCTGCAGCAAGATGTGGGACAACCTC  
 ACCTGCTGGCCAACGACCCCTTGGGGCCAGGTGGTAGCTGACTGCCCCCTCATCTTTCAACTGTTTT  
 CCCCCATTACGGCTATAACATCAGCCGTAAGTGCAGTGAAGAAGGCTGGTCACAACCTGGAACCTGGCCC  
 CTACCACATTGCCTGCGGCTGAATGACAGGGCATCTAGTATGGATGAGCAGCAACAGACTGAGTTCTAC  
 GATGCAGTGAAGACCGGTACACCATCGGCTACAGCTTGTCCCTTGCCAGCCTCTGGTTGCCATGGCTA  
 TCTTGAGCCTGTTAGGAAGCTGACTGTACTCGAAACTACATCCACATGCATCTCTTCATGTCCTTCAT  
 CCTGAGGGCCACCGCCTTTCATCAAGGATATGGCCCTTCAACAACGGGGAGACAGACCACTGCTCT  
 GAGGCCTCGGTGAGCTGCAAGGCAGCAGTGGTTTTCTTCCAGTATTGCGTCATGGCCAACCTCTTCTGGC  
 TGCTGGTCGAGGGCCTCTACCTACACACCTGCTGGCCGTCTCCTTCTCTGAGCGGAAGTACTTCTG  
 GGGTACATACTCATCGGCTGGGAGTGGCCAGTGTTCATCATGATATGGACGATTGTCAGGATCCAT  
 TTTGAGGATTTCCGGTGTGGGACACCATCAACTCCTCACTGTGGTGGATCATAAAGGGCCCATCC  
 TCATCTCCATCTTGGTGAACCTCATCTGTTTATCTGCATCATCCGAATCCTGGTTCAGAAGCTACGGCC  
 ACCCGACATTGGGAAGAATGATAGCAGCCATACTCGAGGCTGGCCAAGTCCACACTTCTGCTCATCCCT  
 CTGTTTGGAGTTCACTATGTCATGTTTGCCTTCTCCCGACAACCTTAAAGGCCAGGTGAAAATGGTCT  
 TTGAACCGTGTAGGGCTTTCCAGGTTTTGTGGTGGCCATCCTCTACTGCTTCTCAATGGCGAGGT  
 GCAGGCAGAGCTGCGACGGAAGTGGCGGCTTGGCATCTGCAGGGCGTCTGGGCTGGAGCTCCAATCA  
 CAACACCCGTGGGGAGGAGCAACGGCGTCTCGTGCAGCACACAGGTGTCCATGCTGACCCGCTCAGCC  
 CGAGCGCGCGCCCTCTCCAGCTTCAAGCGGAGGTCTCCCTGGTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_011703

**Insert Size:** 1380 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_011703.4](#), [NP\\_035833.2](#)

RefSeq Size: 4929 bp

RefSeq ORF: 1380 bp

Locus ID: 22354

UniProt ID: [P97751](#)

Cytogenetics: 9 72.5 cM

**Gene Summary:** This is a receptor for VIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.[UniProtKB/Swiss-Prot Function]