

## Product datasheet for **MR221674**

### **Vipr1 (NM\_011703) Mouse Tagged ORF Clone**

#### **Product data:**

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



[View online »](#)

**ORF Nucleotide Sequence:**

>MR221674 representing NM\_011703  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGCCCTCCGAGCCTACCGCCTGCCCGCTGGCTCTGCGTGCTGGCAGGAGCCCTCGCCTGCGCCCTCG  
 GACCCGCGGGCAGCCGGGCAGCCAGCCACACAGGAGTGTGAGTACCTGCAGATGATTGAGAAACAGCG  
 TCAGCAGTGCCTGGAGGAGGCCAGCTGGAGAATGAAACACAGGCTGCAGCAAGATGTGGGACAACTC  
 ACCTGCTGGCCAACGACCCCTTGGGGCCAGGTGGTAGTCTGGACTGCCCCCTCATCTTTCAACTGTTTT  
 CCCCCATTACGGCTATAACATCAGCCGTAAGTGCAGTGAAGAAGGCTGGTCACAAGTGAACCTGGCCC  
 CTACCACATTGCCTGCGGCTGAATGACAGGGCATCTAGTATGGATGAGCAGCAACAGACTGAGTTCTAC  
 GATGCAGTGAAGACCGGTACACCATCGGCTACAGCTTGCCCTTGCCAGCCTCCTGGTTGCCATGGCTA  
 TCTTGAGCCTGTTGAGGAAGCTGCACTGTACTCGAACTACATCCACATGCATCTCTTCATGTCCTTCAT  
 CCTGAGGGCCACCGCGTCTTCATCAAGGATATGGCCCTTCAACAACGGGGAGACAGACCACTGCTCT  
 GAGGCCTCGGTGAGCTGCAAGGCAGCAGTGGTTTTCTTCCAGTATTGCGTCATGGCCAACCTCTTCTGGC  
 TGCTGGTCGAGGGCCTCTACCTACACACCTGTGGCCGTCTCCTTCTTCTCTGAGCGGAAGTACTTCTG  
 GGGGTACATACTCATCGGCTGGGAGTGGCCAGTGTGTTTCATCATGATATGGACGATTGTGAGGATCCAT  
 TTTGAGGATTTCCGGTGTGGGACCATCATCAACTCCTCACTGTGGTGGATCAAAAGGGCCCATCC  
 TCATCTCCATCTTGGTGAAGTTCATCCTGTTTATCTGCATCATCCGAATCCTGGTTCAGAAGCTACGGCC  
 ACCCGACATTGGGAAGAATGATAGCAGCCATACTCGAGGCTGGCCAAGTCCACACTTCTGCTCATCCCT  
 CTGTTTGGAGTTCACTATGTCATGTTTGCTTCTTCCCGACAACCTTAAGGCCAGGTGAAAATGGTCT  
 TTGAACCTGTCGTAGGGTCTTTCAGGGTTTTGTGGTGGCCATCCTCTACTGCTTCTCAATGGCAGGT  
 GCAGGCAGAGCTGCGACGGAAGTGGCGGGTGGCATCTGCAGGGCGTCTGGGCTGGAGCTCCAAATCA  
 CAACACCGTGGGAGGAGCAACGGCGTCTCGTGCAGCACAGGTGTCCATGCTGACCCGCTCAGCC  
 CGAGCGCGCGCCGCTCTCCAGCTTCCAAGCGAGGTCTCCCTGGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR221674 representing NM\_011703  
 Red=Cloning site Green=Tags(s)

MRPPSLPPARWLCVLAGALACALGPAGSRAASPHQECEYLQMIKQRQQCLEEAQLENETTGCCKMWDNL  
 TCWPTTPWGQVVVLDCLIFQLFSPIHGYNISRNCTEEGWSQLEPGPYHIACGLNDRASSMDEQQQTEFY  
 DAVKTYGTIGYSLASLLVAMAILSLFRKLHCTRNYIHMHLFMSFILRATAVFIKDMALFNNGETDHCS  
 EASVSCKAAVFFQYCVMANFFWLLVEGLYLHTLLAVSFFSERKYFWGYILIGWVPSVFIWIWTVRIH  
 FEDFGCDTIINSSLWWIIGPILISILVNFILFICIRILVQKLRPDPDGKNDSSPYSLAKSTLLLIP  
 LFGVHYVMFAFFPDNFKAQVKMFELVVGFSFGFVVAIFYCFLNGEVQAELERRKWRWHLQGVLGWSSKS  
 QHPWGGSGNVSCSTQVSMLTRVSPSARRSSSFQAEVSLV

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9017\\_c12.zip](https://cdn.origene.com/chromatograms/mm9017_c12.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_011703

**ORF Size:** 1377 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\\_011703.4](#), [NP\\_035833.2](#)

**RefSeq Size:** 4929 bp

**RefSeq ORF:** 1380 bp

**Locus ID:** 22354

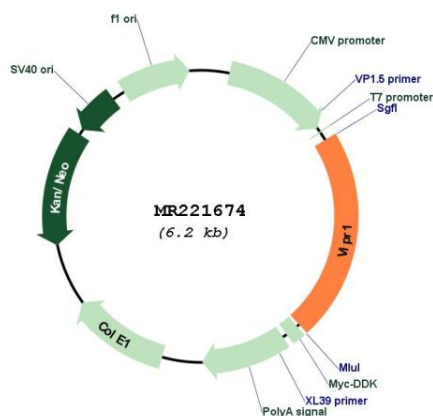
UniProt ID: P97751

Cytogenetics: 9 72.5 cM

MW: 52.5 kDa

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]

## Product images:



Circular map for MR221674