

## Product datasheet for **SC332141**

### VIP Receptor 1 (VIPR1) (NM\_001251882) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** VIP Receptor 1 (VIPR1) (NM\_001251882) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** VIP Receptor 1  
**Synonyms:** HVR1; II; PACAP-R-2; PACAP-R2; RDC1; V1RG; VAPC1; VIP-R-1; VIPR; VIRG; VPAC1; VPAC1R; VPCAP1R  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332141 representing NM\_001251882.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGATCGAGGTGCAGCACAAAGCAGTGCCTGGAGGAGGCCAGCTGGAGAATGAGACAATAGGCTGCAGC
AAGATGTGGGACAACCTCACCTGCTGGCCAGCCACCCCTCGGGGCCAGGTAGTTGTCTTGGCCTGTCCC
CTCATCTTCAAGCTCTTCTCCTCCATTCAAGGCCGAATGTAAGCCGAGCTGCACCGACGAAGGCTGG
ACGCACCTGGAGCCTGGCCCGTACCCCATTCGCTGTGGTTTGGATGACAAGGCAGCGAGTTTGGATGAG
CAGCAGACCATGTTCTACGGTCTGTGAAGACCGGCTACACCATTGGCTACGGCCTGTCCCTCGCCACC
CTTCTGGTCGCCACAGCTATCCTGAGCCTGTTAGGAAGCTCCACTGCACGGGAACTACATCCACATG
CACCTCTTCATATCCTTCATCCTGAGGGCTGCCGCTGTCTTCATCAAAGACTTGGCCCTCTTCGACAGC
GGGGAGTCGGACCAAGTGTCCGAGGGCTCGGTGGGCTGTAAGGCAGCCATGGTCTTTTTCCAATATTGT
GTCATGGCTAACTTCTTCTGGCTGCTGGTGGAGGGCTTACCTGTACACCCTGCTTGGCCTCTCCCTTC
TTCTCTGAGCGGAAGTACTTCTGGGGTACATACTCATCGGCTGGGGGTACCCAGCACATTCACCATG
GTGTGGACCATCGCCAGGATCCATTTTGGAGATTATGGGTGCTGGGACACCATCAACTCCTCACTGTGG
TGGATCATAAAGGGCCCCATCCTCACCTCCATCTTGGTAAACTTCATCCTGTTTATTTGCATCATCCGA
ATCCTGCTTCAGAACTGCGGCCCCAGATATCAGGAAGAGTGACAGCAGTCCATACTCAAGGCTAGCC
AGGTCCACACTCCTGCTGATCCCCCTGTTTGGAGTACACTACATCATGTTTCGCCTCTTTCCGGACAAT
TTAAGCCTGAAGTGAAGATGGTCTTTGAGCTCGTCGTGGGGTCTTTCCAGGGTTTGTGGTGGCTATC
CTTACTGCTTCTCAATGGTGAGGTGCAGGCGGAGCTGAGGCGGAAGTGGCGGCCTGGCACCTGCAGC
GGCGTCTGGGCTGGAACCCCAAATACCGCACCCGTCGGGAGGCAGCAACGGCGCCACGTGCAGCACG
CAGGTTTCCATGCTGACCCGCTGAGCCAGGTGCCCGCCGCTCTCCAGCTTCCAAGCCGAAGTCTCC
CTGGTCTGA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001251882  
**Insert Size:** 1251 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001251882.1</a>
<b>RefSeq Size:</b>	3185 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	7433
<b>UniProt ID:</b>	<a href="#">P32241</a>
<b>Cytogenetics:</b>	3p22.1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Neuroactive ligand-receptor interaction
<b>MW:</b>	47.2 kDa
<b>Gene Summary:</b>	<p>This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate cyclase. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>