

Product datasheet for **SC113097**

VN1R1 (NM_020633) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VN1R1 (NM_020633) Human Untagged Clone
Tag:	Tag Free
Symbol:	VN1R1
Synonyms:	V1RL1; VNR1911; ZVNH1; ZVNR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020633, the custom clone sequence may differ by one or more nucleotides

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ATGGTTGGAGACACATTAACAACTTCTGTCTCCACTGATGACAAGATACTTCTTTCTGCTTTTTTATTCTA
CTGATTCTTCAGACCTCAATGAAAATCAACATCCCCTAGATTTTGATGAAATGGCTTTTGGAAAAGTAAA
ATCAGGGATTAGCTTCTCATTCCAGACTGGAGTTGGGATCCTGGGAAATTCCTTTCTCCTTTGTTTTTAT
AACTTAATTTTGTTCCTGACTGGACACAAGCTGAGACCCACGGACTTGATTCTCAGCCAAGTGGCCTGGCTA
ACTCCATGGTCTTTTCTTTAAAGGGATACCTCAGACAATGGCAGCTTTTGGATTGAAATATTTGCTGAA
TGACACTGGATGTAAGTTTGTCTTTTATTATCACAGGGTGGGCACAAGAGTTTCCCTCAGCACCATCTGC
CTTCTCAATGGATTCCAAGCCATTAAGCTCAACCCAGTATATGCAGGTGGATGGAGATCAAGATTAGAT
CCCAAGGTTTATTGACTTCTGTTGTCTCTGCTGGGCCCCCATGTCTTGATGAATGCATCTGTTCT
TCTATTAGTGAATGGCCCACTGAATAGCAAAAACAGTAGTGCAAAAAACAATTATGGATACTGTTCTTAC
AAAGCATCAAAGAGATTTAGCTCATTACATGCAGTCTTATATTTTCCCCTGATTTTATGAGTTGGGCT
TCATGGTCTGGGCCAGTGGCTCCATGGTCTTCTCCTCTACAGACACAAGCAGCAAGTCCAACACAATCA
CAGCAACAGACTCTCTGCAGACCTTCCAGGAAGCCAGAGCCACACACCATCATGGTCTGGTGAGC
TCCTTTTTGTTTTCTATTAGTCCATAGTTTTCTGACAAATTTGGACAACTGTAGTTGCAAAACCCAGGCC
AGTGGATAGTGACCAACTCTGTGTTGGTCGCCTCATGTTTCCAGCACGCAGCCCTTTTGTCTCATCAT
GAGTGATACTCATATCTCAGTTCTGTTTGCCTGCAGGACAAGGAAAACACTCTTTCCTAATCTGGTT
GTCATGCCATGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020633 unedited
 TGCACATATTTGTATACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGGCAGTCGT
 GGGAAGTAAATGCAGAGGGGGCCCTGTCCATATTACCCAGGGTTCGTCATGGTTACGTTT
 TGCGGACTATAGTATGATATCACTCTAATGATATTGACTCTTCTGTGTTCTGTTTTATA
 TATTTCCCTAGTTTTGCTTGTATTTACTTGTTCATGTGTGAAGCCCTGAGTTTTATAG
 GTTTGATTTGTGGATCTGTTGTGCGGTTGAGCCCTCATTACCTACCTGTTCTCTGCAG
 TTGGACACACAAGCAATTGCCTTTGCACGAACAGGGACAATCTTAATTTCTGTTTAAGAT
 GAGAAAATATGGTTGGAGACACATTAAAACCTTCTGTCTCCACTGATGACAAGATACTTCT
 TTCTGCTTTTTTATTCTACTGATTCTTCAGACCTCAATGAAAATCAACATCCCCTAGATT
 TTGATGAAATGGCTTTTGGAAAAGTAAAATCAGGGATTAGCTTCCTCATTACAGACTGGAG
 TTGGGATCCTGGGAAATTCCTTTCTCCTTTGTTTTATAACTTAATTTTGTTCAGTGGAC
 ACAAGCTGAGACCCACGGACTTGATTCTCAGCCAACCTGGCCTTGCTAACTCCATGGTCC
 TTTTCTTTAAAGGGATACCTCAGACAATGGCAGCTTTTGGATTGAAATATTTGCTGAATG
 AACTGGATGTAAGTTTGTCTTTTATTATCACAGGGTGGGCACAAGATTTCCCTCAGCA
 CCATCTGCCTTCAATGGATTCCAAGCCATTAAGCTCAACCCAGTATATGCAGGTGGA
 TGGAGATCAGNATTAGATCCCAAGTTTATTGACTNCTGGTGTCTCCTCTGCTGGCCCC
 CCCATGTCTGATGAATGCATCTCGTCTTCTATTAGTAATGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020633 unedited
 CCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTAGATAGTCTTGCTCTATT
 GTCCAGGCTGGAGTGCAGAAGCACTTTCTTTCTTTCTTTCTTTCTTTCTTTTTTTTT
 TTTTTGAGACGGGCTTGGCCCTGTCTCCAGGCTGGAGTGCAGTGGCGGGATCCCGGCC
 CACTGCAACCTCCGCCTACTGGGTTCAAGGATTCTCCCGCTCAGTCTCCTGAGCAGCCG
 GGATCACAGGCACCCGCCACCATGTCCGGCAATTTTTGCATTTTAATAGAGACGGGGT
 TTCACCATGTTGGCCAGGCTGGTCCCGAACTCCTGACCTCAAGTGATCTGCCACCTCAG
 CCTCTCAAAGTGCTGGGGTTACCGGCGTGACCCACGGTGGCCAGCCACTTTTAGTTATTT
 TTATTTTTATTTTGTGCTCCCTCCGTACCCAAAGCTGGTAAGTAATTTCTCGTGTTCAC
 CCTCTGGAGTAGCTGGGACTACAGGTGTGTGCCACATGGTTGGCTAATTTTTGTATTTGA
 GACAGGGTTTTGCCATGTTGGCCAGGCTGGTCTCGAACTCCTGGCCTCAAGTCATCTTG
 AGTGGACTCACTTGACGCATTTGGGAGTGCCTCAGCCTCCCAAAACGGTGGGATTACAGGC
 GTGAGCCACTGTGCCCGGCTGCCATGTCTTTTACATGTGGACTCTCCAGGGATTTA
 TGCTGTTCAAGAAGCCACTGATTCAACTGTGCTTTAAAATATTTTTAAACCATCCATGAT
 TCTTATTATCCAAAATGAGAACTCCCCTAATCTCTAAAATTCCTTTTAACTTTTGA
 TTCCTGACCTGTCCGAAGACTTAACCATTTTTTGTGAGTGTCTTTGGTAACAGATCCTGACT
 TCATTTTACCTGGGCTTAAACCT

Restriction Sites:

NotI-NotI

ACCN:

NM_020633

Insert Size:

2390 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:	<ol style="list-style-type: none">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_020633.2 , NP_065684.1
RefSeq Size:	1313 bp
RefSeq ORF:	1062 bp
Locus ID:	57191
UniProt ID:	Q9GZP7
Cytogenetics:	19q13.43
Domains:	V1R
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	<p>Pheromones are chemical signals that elicit specific behavioral responses and physiologic alterations in recipients of the same species. The protein encoded by this gene is similar to pheromone receptors and is primarily localized to the olfactory mucosa. An alternate splice variant of this gene is thought to exist, but its full length nature has not been determined. [provided by RefSeq, Jul 2008]</p>