

## Product datasheet for MC209626

### Vmn1r45 (NM\_011684) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r45 (NM_011684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vmn1r45
Synonyms:	mV1R2; V1r2; V1ra2; V1RA9; V1ra11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209626 representing NM_011684 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGTGAGATTCTATTCTTTCTCCTCAACCACTGTTCTCTCATATGATGAATAAGAACAGCAGACTGC  
ACACTCATTCTAACATAAAGAATACCTTTTTCTCTGAAATTGGCATTGGGATCTTAGGCAACAGCTTCT  
TCTTCTTTTACATCCTAAAGTTCATTCGTGGACACAGGCTCAGACTCACTGACCTGCCATTGGTCTC  
TTGTCCCTTATCCACTTACTGATGCTACTGCTCATGGCATTATAGCCACAGATATTTTATTTCTCGGA  
GGGGCTGGGATGACATCATATGTAATTCCTTGTGTATCTGTACAGATTTTGAGGGCCCTCCCTTTG  
TACCACCAGCATGTTGAGTGTCCCTCCAGGCCATCATCCTCAGTCCAGAAAGCTCCTGTTTAGCAAAGCTC  
AAGCACAATATCCCATCACATCTCCTGTGCCATTATTTTCTGAGTGTCTCTATATGTTAATTAGCA  
GTCACATCTTGTATCCATCATTGCTACCCCAATTTGACCAGGAATGACTTTCTTTATGTTACTCAATC  
CTGCTCTATTCTACCTTGAGTTACGTCATGCAAAGCATGTATTCTACACTGCTGGCCCTCAGGGAAGTC  
TTTCTTATTAGTCTCATGGTCTCTCAACTTTGTACATGGTGGTCTCTTGTGCAGGCACAGGAAACAGG  
CCCAGCATCTTCAAGGTACAGTCTTTCCCCAAAGCATCCGAGAGCAAAGGGCCACCCAGACCATCCT  
GATGCTCATGACCTTCTTTGTGTGATGTCATCTTTGACAGCATTGTCTCTCTCAAGAACTATGTTT  
CTGGATGATCCAACATCTTACTCTATCCATATCTTTGTGATGCACATCTATGCCACAGTCAGCCCTTTTG  
TGTTTATGAGTACTGAAAACATATAGTTAACATTTTGAGAGGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_011684



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<b>Insert Size:</b>	957 bp
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_011684.2</a> , <a href="#">NP_035814.2</a>
<b>RefSeq Size:</b>	3249 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	22297
<b>UniProt ID:</b>	<a href="#">Q8VIC7</a>
<b>Cytogenetics:</b>	6 D1
<b>Gene Summary:</b>	Putative pheromone receptor implicated in the regulation of social and reproductive behavior.[UniProtKB/Swiss-Prot Function]