

## Product datasheet for MC213777

### Olfr356 (NM\_146624) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Olfr356 (NM\_146624) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Olfr356  
 Synonyms: MOR134-1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC213777 representing NM\_146624  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGACAAGAAACCACAGTAGTGTCTGAATTTCTCCTCCTGGCCCTCTCGGAGCACTGGGAACAGG  
 AACCTTTACTCTTTGGCATCTTTTGGTCATATACCTTGTCACTGTGGTGGAAATACACTAATCATCCT  
 GGCAATTGTCTCTGATCCACACCTCCACAGTCCCATGTATTTCTCCTGGCTAACCTCTCTCACTGAC  
 ATGTGTTTATCATCTACCACAGTTCCTAGGATGCTGGTAAACATCCAAACTCAGAGGCATAGCATCCCCT  
 ATGCTGGATGCCTGTCTCAAATCTATTTCTTCTGTTGTTTATTGGACTAGATGTTTTCTCCTGGCAGT  
 GATGGCTTATGACAGACTTGTGGCCATATGCTATCCCCTTCACTACACCTTGGTCATGAGTCCCAGATGC  
 TGCATCCTGTGGTGACGACATCCCTATTCCTTGCCCATTCATATGCTCTAACCCACATCATTCTGCTGT  
 CTCAGTTATCCTTCTGCATGGACAACATCATTCTCCATTTCTTTGTGAAGTCTTCCCATGTTGAAGCT  
 CTCTTGTCTAACACTTATGCCAACAGTGTGTGCTGCTCTACTGGGGAGGAGCATTAACTGTCTTGATC  
 CCTTTGTTAATCATTGTTTCATATGTCCGATTGTGGCCACCATTGTGAGAGTCCCATCAGCAAGTGGAA  
 AGTGGAAAGACCTTCCACCTGTGGTCCCATCTCAGCAGTCTGCCTGTTCTATGTGTCTGCTATTGG  
 GGTGATTTTCATTCCATACGCTGCTGATTACAGCTAGCAGGGATAGGATTGCATCAGTGATGTATGCTGTG  
 GTGACCCCATGCTGAACCCATTCTATAGCCTGAGAAACAAAGATATGACAAGTGCCTTGAGAAGGT  
 TCCTGAACAAAATTTTGCTGCAACCTCCACAAAGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_146624  
 Insert Size: 948 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_146624.1</a> , <a href="#">NP_666835.1</a>
<b>RefSeq Size:</b>	948 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	258617
<b>Cytogenetics:</b>	2 B
<b>Gene Summary:</b>	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]