

Product datasheet for MC214007

Olfr908 (NM_146872) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Olfr908 (NM_146872) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Olfr908
 Synonyms: MOR165-2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC214007 representing NM_146872
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGTGTGGAGAATGGTTCATTGGTGACCGAATTCATTCTGCAGGGATTGACAAGTGATCCTGATCTCC
 AGTTACCCCTGTTCTTACTCTTTCTGCTAATATACACAACAACAGCACTGGGGAATTTGCTCTTGATCAC
 TTTAATTGCACTGAATTCTCACCTTCACACCCCATGTACTTTTTCTTTAAACTGTCTTTCATTGAC
 CTTTGTTATTCATCTGTAATTACACCCAAAATGCTGATGAACTTCTTAGTAAGGAAGAATTTATCTCCT
 ATGTAGGATGTATGACCCAGCTCTATTTATTTGTTTTTTTTGCTGTTAGTGAATGTTGTGTTCTGTCATC
 AATGGCCTATGATCGTTATGTGGCCATATGCAATCCACTCTTGTATAACATTGCTATGTCTCCCAAGGT
 TGTTTCTATCTTATGCTTGGTTCATACATAATGGGATTTCTGGTGCCATGATTCACACTGGATGGATGC
 TTAGACTGACCTTCTGTGACAGGAGCATTATCAACCACTATTTCTGTGATCTACTCCCTTGTGACAGCT
 CTCCTGTACCAACACCTATGCCAATGAGATTGAGATTATTATTGTAGGTGAATTGATATCATTGTTCCC
 AGTATTATCATTTTTACTTCTTATGGCTTCGTTCTCTAACATCTTCCAATGAGATCTACTGACGGCA
 GATCCAAAGCCTTCAGCACCTGCAGTCCACATAGTTGTTGTTTCTTTATTCTTTGGTTCAGGCGCATT
 CATGTATCTTCAACCCTTTCACCTGAGTCTATGGATCAGGGAAGGCTTCGGTTTTTATACCATA
 TTGGTGCCTATGATGAATCCCTTAATCTATAGTTTGGGAACAAAGATGTGAAAATTGCCCTGAAAAAAA
 CATTTAGCACGCAGAGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_146872
 Insert Size: 933 bp



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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_146872.1 , NP_667083.1
RefSeq Size:	933 bp
RefSeq ORF:	933 bp
Locus ID:	258872
Cytogenetics:	9 A5.1
Gene Summary:	<p>This olfactory receptor gene represents a polymorphic pseudogene, with both coding and noncoding alleles of this gene found in different mouse strains. The reference genome sequence encodes the noncoding allele. 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, Jan 2019]</p> <p>Transcript Variant: This transcript represents the protein-coding allele present in some non-reference strains.</p>