

Product datasheet for RC210157

OR1F1 (NM_012360) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OR1F1 (NM_012360) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	OR1F1
Synonyms:	OLFMF; OR1F4; OR1F5; OR1F6; OR1F7; OR1F8; OR1F9; OR1F10; OR1F13P; OR3-145; OR16-36; OR16-37; OR16-88; OR16-89; OR16-90; ORL1023
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC210157 representing NM_012360 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCGGGACAAACCAGTCGAGTGTCTCCGAGTTCCTCCTCTGGGACTCTCCAGGCAGCCCCAGCAGC
AGCATCTCCTCTTTGTGTTCTTCTCAGCATGTACCTGGCCACTGTCTGGGAACTGCTCATCATCCT
GTCCGTAAGCATAGACTCCTGCCTGCACACCCCATGTACTTCTCCTCAGCAACCTGTCTTTGTGGAC
ATCTGTTCTCCTTACCACCGTCCCAAGATGCTGGCCAATCACATACTCGAGACTCAGACCATCTCCT
TCTGTGGTGTCTCACACAGATGATTTTCGTTTTCATGTTTCGTTGGACATGGACAATTTCTCCTAGCTGT
GATGGCCTATGACCACTTTGTGCGCGTGTGCCACCCCTTACATTACACAGCAAAGATGACCCATCAGCTC
TGTGCCCTGCTGGTTGCTGGATTATGGGTGGTTGCCAACCTGAATGTCCTTCTGCACACCCTGCTGATGG
CTCCACTCTATTCTGTGCAGACAATGCCATCACTCACTTCTTCTGCGATGTGACTCCCCTACTGAACT
CTCCTGCTCAGACACACCTCAATGAGGTCATAATCCTTAGTGAGGGTGCCTGGTCTATGATCACCCCA
TTTCTTTGCATCCTGGCTTCTTATATGCACATCACCTGCACTGTCTGAAGGTCCATCCACAAAGGGAA
GGTGGAAAGCCTTCTCCACCTGTGGTTCTCACCTGGCTGTGGTTCTCCTCTTCTACAGCACCATCATTGC
TGTGATTTTAAACCTCTGTCTCCCACTCAGCTGAGAAAGACACTATGGCTACTGTGTTGTATACAGTA
GTGACTCCCATGCTAAACCTTTTCTACAGCCTGAGGAACAGGTAAGTAAAGGGGCTCTGAAAAAG
TAGTTGGCAGGGTGGTGTCTTCTGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_012360.2](#)

RefSeq Size: 939 bp

RefSeq ORF: 939 bp

Locus ID: 4992

UniProt ID: [O43749](#)

Cytogenetics: 16p13.3

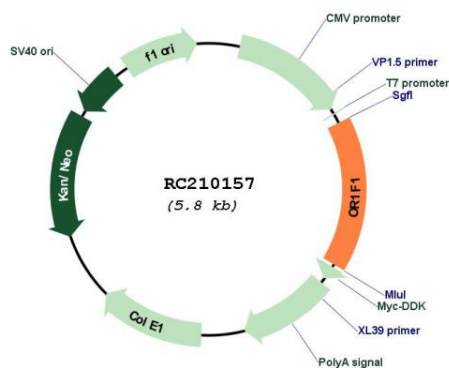
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Olfactory transduction

MW: 34.9 kDa

Gene Summary: 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]

Product images:



Circular map for RC210157