

Product datasheet for RC213193

OR13F1 (NM_001004485) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OR13F1 (NM_001004485) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	OR13F1
Synonyms:	OR9-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC213193 representing NM_001004485 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCCCGCAAATTGGACATCTGAAAAGTATTTTTCTTCTGGGATTTTTCTACTACCCCAAAGTTC
AGGTCATCATATTTGCGGTGTGCTTGCTGATGTACCTGATCACCTTGCTGGCAACATTTTTCTGATCTC
CATCACCATTCTAGATCCACCTGCACACCCCTATGTACCTCTCCTCAGCAATCTCTCCTTTCTGGAC
ATCTGGTACTCCTTCTGCCCTCTCTCAATGCTGGCAAACCTTTGTTTCAGGGAGAAACACTATTTTCAT
TCTCAGGGTGCGCCACTCAGATGTACCTCTCCCTGCCATGGGCTCCACTGAGTGTGTGCTCCTGCCAT
GATGGCATATGACCGGTATGTGGCCATCTGCAACCCCTGAGATACCCTGTCATCATGAATAGGAGAACC
TGTGTGCAGATTGCAGCTGGCTCCTGGATGACAGGCTGTCTCACTGCCATGGTGGAAATGATGTCTGTGC
TGCCACTGTCTCTGTGGTAATAGCATCATCAATCATTTCACCTGTGAAATTCTGGCCATCTTGAATT
GGTTTGTGTGGACACCTCCCTGGTGCAGTTAATCATGCTGGTGTGATGAGTACTTCTCTCCCATGCCA
ATGCTACTCATTGTATCTTTATGCATTTATCCTCGCCAGTATCCTGAGAATCAGCTCAGTGAAGGTC
GAAGTAAAGCCTTTCAACGTGCACAGCCACCTGATGGTGGTAGTTTTGTTCTATGGGACGGCTCTCTC
CATGCACCTGAAGCCCTCCGCTGTAGATTACAGGAAATAGACAAATTTATGGCTTTGGTGTATGCCGA
CAAACCCCATGTTGAATCCTATCATCTATAGTCTACGGAACAAAGAGGTGAAAGTGGCCTTGAAAAAT
TGCTGATTAGAAAATCATTTAATACTGCCTTCATTCCATCCTCAA

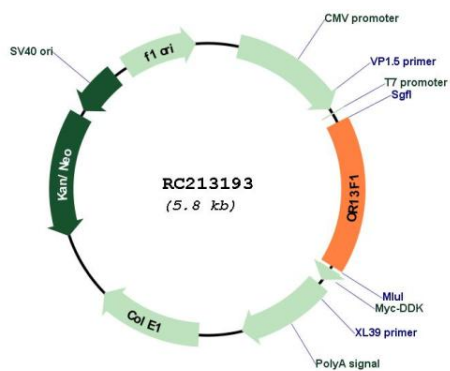
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001004485.1 , NP_001004485.1
RefSeq Size:	960 bp
RefSeq ORF:	960 bp
Locus ID:	138805
UniProt ID:	Q8NGS4
Cytogenetics:	9q31.1
Protein Families:	Transmembrane
Protein Pathways:	Olfactory transduction
MW:	35.5 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 RC213193