

Product datasheet for MR226716

Olfr790 (NM_146933) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Olfr790 (NM_146933) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Olfr790
Synonyms:	MOR112-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226716 representing NM_146933 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTTTAGAAGCAGAGAGTATTATGAGAAATCCACAGCAGTGACAGACTTTATTCTTCTGGACTGA
CAGATGATCCACTGTGGCAGATTGTGGTTTTACATTTCTTCTGTTACCTACATGCTAAGTGTGACTGG
GAACCTCATCATTATCATCCTCACCTCTCAGATGCCATCTGATGACACCCATGATTTTCTTCTCGA
AATTTCTCACTCCTAGAAATATCATTTACATCTGTCTGCATTCCAGATTCCTTGTCACTATTGTGACAG
GAGACAGAACTATTTCTACAATGGTTGGTGGCTCAGCTATTCTTTTTCAATTTCTTAGGAGTGACAGA
ATTTTACCTTCTGGCTGCCATGTCTATGACCGTTATGTGGCCATCTGCAAACCTTACACTACACAACA
ATCATGAGCAACCGTGTGTGCATTCTTCTTGTCTTTAGCTCATGTTTGCAGGATTCATGATTATCTTTC
CACCAATTATCCTTCTGTACAGTTAGACTTCTGTGCCTCCAACATAATTGACCACTTTATCTGTGACTC
TTCTCAAATTTTGCAGCTTTCTTGTCAAACACTCACTTTCTCGAGCTCATGGCATTTCATTAGCTGTG
GTAACACTCATGGTCACCTTGACATTAATTATTCTTTCTACACAATAATTATTCGGACAATTCTGAGAA
TTCCTTACAAATCAGAGAAAAAGGCCTTTCAACTTGTTCTCCCATATGATAGTTGTCTCCCTCTC
TTATGGCAGCTGCATCTTCATGTACATTAAGCCTTCTGCAAGGGAGAGGGTGACTTTAAGCAAAGGAGTA
GCTGTACTCAACACTTCTGTGGCTCCTCTCCTGAACCCCTTCACTATACTGAGGAACCAAGTGA
AGCAAGCCTTCAAAAACATGATCCAGAGAATCTCTTTTCTTCAAAGAATTTACCA

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_146933.1](#), [NP_667144.1](#)

RefSeq Size: 969 bp

RefSeq ORF: 969 bp

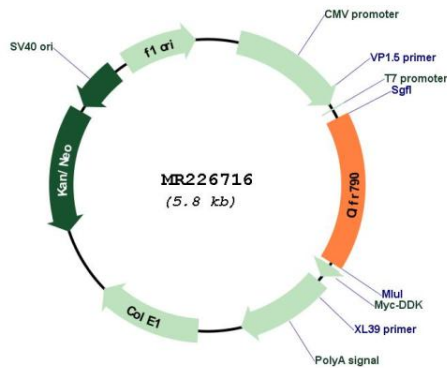
Locus ID: 258935

Cytogenetics: 10 D3

MW: 36.9 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 MR226716