

Product datasheet for **MG214906**

Olf556 (NM_146754) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Olf556
Synonyms:	MOR41-1
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG214906 representing NM_146754
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

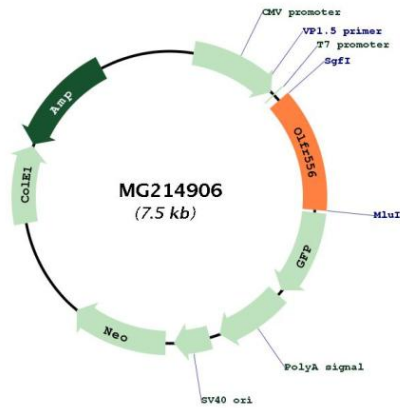
ATGCTGGGGCCATCCTACAACCACACAATGGAATCCCCTGGCACTTCTTCCTCTTGGGCATCCCAGGGT
TTCAGTCTTCTTATCTTTGGCTGGCCATCTCACTGAGTACCATGTATAGCATAGCTCTCTTAGGAAATAT
GCTCATTATCATTGTGATCTGCATGGATTCCACTCTACAAGAGCCTATGTACTTCTTCTATGTGTTCTG
GCTGCTGTGGATATTGTTATGGCTTCTTCTGTGGTACCTAAGATGGTGAGCATCTTAGTTCCAGGAGACA
GCTCCATCAGCTTTAATGCCTGTTTCACTCAGATGTACTTTGTCCATGCGGCCACTGCTGTGGAGACAGG
TCTGCTACTGGCCATGGCTTTTGATCGCTACGTGGCCATCTGCAAGCCCTTACATTACATGAGAATTCTC
ACCCGTCATGTGATGCTGGGAATTAGTGTGACTATCACCGTTAGAGCTGTTATTTTTATGACTCCTTTGA
GTTGGATGTTGAGTCATTTGCCATTTGTGCCTCCAATGTAGTTCCTCATTCTATTGTGAACACATGGC
TGTGGCCAAGTTAGCATGTGCTGACCCCGTCCAGCAGTCTACAGTTTGATTTTTTCCTCCATCATT
GTGGGCTCAGATGTGGCCTTATTTTCAGCCTCTTATCTTTGATTCTCAAGGCAGTTTTTGGACTGTCCT
CAAGGAATGCACAGTGAAGGCTTTGAGTACGTGTGGCTCTCATGTTGGGGTCATGGCTCTGTACTATCT
CCCTGGGATGGCATCCATCTATGTGCCTGGCTAGGGCAGGACCGAGTTCCTGCACACCCAAGTGCTG
TTAGCTGACTGTACCTGATCATCCCAACCACCTTAAACCCTATCATTTATGGTATTAGGACCAGACAAA
TCCGGGAGCGGATATGGAGTCTGCTGACACATTGCTTCTTTCCCAAGTGCCTCAAGGTTCA

ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_146754.2</u> , <u>NP_666965.2</u>
RefSeq Size:	1023 bp
RefSeq ORF:	975 bp
Locus ID:	258749
Cytogenetics:	7 E3
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 MG214906