

Datasheet for ABIN4926094

## Human OR4D11 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	OR4D11
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human OR4D11 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	936 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGTTGG GAAATGTCAC CAGAGTAAAA GAATTTATAT TTCTGGGACT TACTCAATCC CAAGACCAGA GTTTGGTCTT GTTTCTTTTT TTATGTCTTG TGTACATGAC GACTCTGCTG GGAAACCTCC TCATCATGGT CACCGTGACC TGTGAGTCTC GCCTTCACAC CCCCATGTAC TTCCTGCTCC GCAATCTAGC CATCCTTGAC ATCTGCTTCT CCTCCACAAC TGCTCCTAAA GTCTTGCTGG ACCTTCTGTC AAAGAAAAAG ACCATATCCT ATACAAGCTG CATGACACAG

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Product Details

---

ATATTTCTCT TCCACCTCCT TGGTGGGGCA GACATTTTTT CTCTCTCTGT GATGGCGTTT  
GACTGCTACA TGGCCATCTC CAAGCCCCTG CACTATGTGA CCATCATGAG TAGAGGGCAA  
TGCACTGCCC TCATCTCTGC CTCTTGGATG GGGGGCTTTG TCCACTCCAT CGTGCAGATC  
TCCCTGTTGC TGCCTCTCCC TTTCTGTGGA CCCAATGTTT TTAGACACTTT CACTGCGAT  
GTCCCCCAGG TCCTCAAACCT CACTTGCACT GACACTTTTG CTCTTGAGTT CTTGATGATT  
TCCAACAATG GCCTGGTCAC TACCCTGTGG TTTATCTTCC TGCTTGTGTC CTACACAGTC  
ATCCTAATGA CGCTGAGGTC TCAGGCAGGA GGGGGCAGGA GGAAAGCCAT CTCCACTTGC  
ACCTCCCACA TCACTGTGGT GACCCTGCAT TTTGTGCCCT GCATCTATGT CTATGCCCGG  
CCCTTCACTG CCCTCCCCAC AGAAAAGGCC ATCTCTGTCA CCTTCACTGT CATCTCCCCT  
CTGCTGAACC CTTTGATCTA CACTCTGAGG AACCAGGAAA TGAAGTCAGC CATGAGAAGA  
CTGAAGAGAA GACTCGTGCC TTCTGAAAGG GAATAG

---

Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	<ul style="list-style-type: none"><li>• Forward primer: 5'-TAATACGACTCACTATAGGG-3'</li><li>• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'</li></ul>
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

---

## Target Details

---

Gene:	OR4D11
Alternative Name:	OR4D11 ( <a href="#">OR4D11 Products</a> )
Background:	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].

---

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Target Details

---

Gene ID: 219986

NCBI Accession: [NM\\_001004706](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

## Publications

---

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)