

Datasheet for ABIN4926195

## Human OR13C9 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	OR13C9
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 OR13C9 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	957 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAATGGG AAAACCAAAC CATTCTGGTG GAATTTTTTC TGAAGGGACA TTCTGTTCAC CCAAGGCTTG AGTTACTCTT TTTTGTGCTA ATCTTCATAA TGTATGTGGT CATCCTTCTG GGGAATGGTA CTCTCATTTT AATCAGCATC TTGGACCCTC ACCTTCACAC CCCTATGTAC TTCTTTCTGG GGAACCTCTC CTTCTTGGAC ATCTGCTACA CCACCACCTC TATTCCCTCC ACACTAGTGA GCTTCCTTTC AGAAAGAAAG ACCATTTCTT TTTCTGGCTG TGCAGTGCAG

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

---

ATGTTCCCTTG GCTTGGCCAT GGGGACAACA GAGTGTGTGC TTCTGGGCAT GATGGCCTTT  
GACCGCTATG TGGCTATCTG CAACCCTCTG AGATATCCCA TCATCATGAG CAAGAATGCC  
TATGTACCCA TGGCTGTTGG GTCCTGGTTT GCAGGGATTG TCAACTCTGC AGTACAAACT  
ACATTTGTAG TACAATTGCC TTTCTGCAGG AAGAATGTCA TCAATCATTT CTCATGTGAA  
ATTCTAGCTG TCATGAAGTT GGCCTGTGCT GACATCTCAG GCAATGAGTT CCTCATGCTT  
GTGGCCACAA TATTGTTTAC ATTGATGCCA CTGCTCTTGA TAGTTATCTC TTAATCATT  
ATCATTTCCA GCATCCTCAA GATTCACTCC TCTGAGGGGA GAAGCAAAGC TTTCTCTACC  
TGCTCAGCCC ATCTGACTGT GGTGATAATA TTCTATGGGA CCATCCTCTT CATGTATATG  
AAGCCCAAGT CTAAGAGAC ACTTAATTCA GATGACTTGG ATGCTACCGA CAAAATTATA  
TCCATGTTCT ATGGGGTGAT GACTCCCATG ATGAATCCTT TAATCTACAG TCTTAGAAAC  
AAGGATGTGA AAGAGGCAGT AAAACACCTA CCGAACAGAA GGTTCTTTAG CAAGTGA

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: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

---

Gene: OR13C9

Alternative Name: OR13C9 ([OR13C9 Products](#))

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: 286362

NCBI Accession: [NM\\_001001956](#)

## 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)