

## Product datasheet for RC223507L4V

## OriGene Technologies, Inc.

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## Olfactory receptor 13C8 (OR13C8) (NM\_001004483) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Olfactory receptor 13C8 (OR13C8) (NM\_001004483) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Olfactory receptor 13C8

Synonyms: OR9-10; OR37H

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_001004483

ORF Size: 960 bp

**ORF Nucleotide** 

Sequence:

The ORF insert of this clone is exactly the same as(RC223507).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeq:** <u>NM 001004483.1</u>, <u>NP 001004483.1</u>

 RefSeq Size:
 963 bp

 RefSeq ORF:
 963 bp

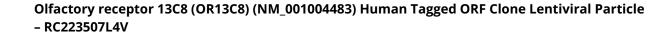
 Locus ID:
 138802

 UniProt ID:
 Q8NGS7

 Cytogenetics:
 9q31.1

**Protein Families:** Transmembrane







**Protein Pathways:** Olfactory transduction

MW: 35.1 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]