

## Product datasheet for **RC213291L4V**

### **TAS2R49 (TAS2R20) (NM\_176889) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R49 (TAS2R20) (NM_176889) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R49
Synonyms:	T2R20; T2R49; T2R56; TAS2R49
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176889
ORF Size:	927 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213291).
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. <a href="#">More info</a>
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:	<a href="#">NM_176889.1</a> , <a href="#">NP_795370.2</a>
RefSeq Size:	1914 bp
RefSeq ORF:	930 bp
Locus ID:	259295
UniProt ID:	<a href="#">P59543</a>
Cytogenetics:	12p13.2
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction



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**MW:** 35.4 kDa

**Gene Summary:** This gene encodes a member of the taste receptor two family of class C G-protein coupled receptors. Receptors of this family have a short extracellular N-terminus, seven transmembrane helices, three extracellular loops and three intracellular loops, and an intracellular C-terminus. Members of this family are expressed in a subset of taste receptor cells, where they function in bitter taste reception, as well as in non-gustatory cells including those of the brain, reproductive organs, respiratory system, and gastrointestinal system. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq, Jul 2016]