

## Product datasheet for **RC210148L4V**

### TAS2R8 (NM\_023918) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R8 (NM_023918) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R8
Synonyms:	T2R8; TRB5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023918
ORF Size:	929 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210148).
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_023918.1</a> , <a href="#">NP_076407.1</a>
RefSeq Size:	930 bp
RefSeq ORF:	930 bp
Locus ID:	50836
UniProt ID:	<a href="#">Q9NYW2</a>
Cytogenetics:	12p13.2
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction



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**MW:** 35.9 kDa

**Gene Summary:** This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq, Jul 2008]