

Product datasheet for **RC211325L4V**

T2R50 (TAS2R50) (NM_176890) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	T2R50 (TAS2R50) (NM_176890) Human Tagged ORF Clone Lentiviral Particle
Symbol:	T2R50
Synonyms:	T2R50; T2R51; TAS2R51
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176890
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211325).
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:	NM_176890.1 , NP_795371.2
RefSeq Size:	1000 bp
RefSeq ORF:	900 bp
Locus ID:	259296
UniProt ID:	P59544
Cytogenetics:	12p13.2
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction



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MW: 34.6 kDa

Gene Summary: TAS2R50 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of taste receptor cells and mediate the perception of bitterness through a G protein-coupled second messenger pathway (Conte et al., 2002 [PubMed 12584440]). See also TAS2R10 (MIM 604791).[supplied by OMIM, Mar 2008]