

Product datasheet for **RC223842L4V**

TAS2R44 (TAS2R31) (NM_176885) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R44 (TAS2R31) (NM_176885) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R44
Synonyms:	T2R31; T2R44; T2R53; TAS2R44
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176885
ORF Size:	927 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223842).
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_176885.1
RefSeq Size:	1021 bp
RefSeq ORF:	930 bp
Locus ID:	259290
UniProt ID:	P59538
Cytogenetics:	12p13.2
Protein Pathways:	Taste transduction
MW:	35.3 kDa



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Gene Summary:

TAS2R44 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]). For further information on TAS2Rs, see MIM 604791.[supplied by OMIM, Mar 2009]