

Product datasheet for **RC224914L4V**

TAS2R1 (NM_019599) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R1 (NM_019599) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R1
Synonyms:	T2R1; TRB7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019599
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224914).
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_019599.2
RefSeq Size:	1355 bp
RefSeq ORF:	900 bp
Locus ID:	50834
UniProt ID:	Q9NYW7
Cytogenetics:	5p15.31
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Taste transduction



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MW: 34.3 kDa

Gene Summary: This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil. [provided by RefSeq, Jul 2008]