

Product datasheet for **RC211027L4V**

TAS2R48 (TAS2R19) (NM_176888) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R48 (TAS2R19) (NM_176888) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R48
Synonyms:	MSTP058; T2R19; T2R23; T2R48; TAS2R23; TAS2R48
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176888
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211027).
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_176888.1 , NP_795369.1
RefSeq Size:	900 bp
RefSeq ORF:	900 bp
Locus ID:	259294
UniProt ID:	P59542
Cytogenetics:	12p13.2
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction


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MW: 33.9 kDa

Gene Summary: Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity).[UniProtKB/Swiss-Prot Function]