

Product datasheet for **RC211024L4V**

TAS2R40 (NM_176882) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R40 (NM_176882) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R40
Synonyms:	GPR60; T2R40; T2R58
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176882
ORF Size:	969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211024).
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_176882.1
RefSeq Size:	972 bp
RefSeq ORF:	972 bp
Locus ID:	259286
UniProt ID:	P59535
Cytogenetics:	7q34
Protein Pathways:	Taste transduction
MW:	36.8 kDa



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Gene Summary:

This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. A decrease in the expression of this gene is associated with hypogeusia. [provided by RefSeq, Jul 2017]