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Product datasheet for RC216710L4V

TAS2R4 (NM_016944) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R4 (NM_016944) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R4
Synonyms:	T2R4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016944
ORF Size:	897 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC216710).`
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_016944.1, NP_058640.1
RefSeq Size:	900 bp
RefSeq ORF:	900 bp
Locus ID:	50832
UniProt ID:	Q9NYW5
Cytogenetics:	7q34
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Taste transduction

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MW: 33.8 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. These apparently intronless genes encode a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes in chromosome 7 and is genetically linked to loci that influence bitter perception. [provided by RefSeq, Jul 2008]