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Product datasheet for RC218991L2V

TAS2R10 (NM_023921) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS2R10 (NM_023921) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS2R10
Synonyms:	T2R10; TRB2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_023921
ORF Size:	921 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218991).
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_023921.1, NP_076410.1
RefSeq Size:	924 bp
RefSeq ORF:	924 bp
Locus ID:	50839
UniProt ID:	Q9NYW0
Cytogenetics:	12p13.2
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction

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MW: 35.8 kDa

Gene Summary: This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq, Jul 2008]

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