

## Product datasheet for **RC221879L3V**

### TAS1R3 (NM\_152228) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TAS1R3 (NM_152228) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAS1R3
Synonyms:	T1R3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152228
ORF Size:	2556 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221879).
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. <a href="#">More info</a>
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:	<a href="#">NM_152228.1</a>
RefSeq Size:	2559 bp
RefSeq ORF:	2559 bp
Locus ID:	83756
UniProt ID:	<a href="#">Q7RTX0</a>
Cytogenetics:	1p36.33
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction



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**MW:** 93.3 kDa

**Gene Summary:** The protein encoded by this gene is a G-protein coupled receptor involved in taste responses. The encoded protein can form a heterodimeric receptor with TAS1R1 to elicit the umami taste response, or it can bind with TAS1R2 to form a receptor for the sweet taste response.  
[provided by RefSeq, Nov 2015]