

Product datasheet for **RC211034L4V**

TA1 (TAAR1) (NM_138327) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TA1 (TAAR1) (NM_138327) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAAR1
Synonyms:	TA1; TAR1; TRAR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138327
ORF Size:	1017 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211034).
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_138327.1
RefSeq Size:	1020 bp
RefSeq ORF:	1020 bp
Locus ID:	134864
UniProt ID:	Q96RJ0
Cytogenetics:	6q23.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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MW: 39.1 kDa

Gene Summary: The protein encoded by this gene is a G-protein coupled receptor activated by trace amines. The encoded protein responds little or not at all to dopamine, serotonin, epinephrine, or histamine, but responds well to beta-phenylethylamine, p-tyramine, octopamine, and tryptamine. While primarily functioning in neurologic systems, there is evidence that this gene is involved in blood cell and immunologic functions as well. This gene is thought to be intronless. [provided by RefSeq, Nov 2015]