

## Product datasheet for **RC213598L3V**

### **GPR102 (TAAR8) (NM\_053278) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GPR102 (TAAR8) (NM_053278) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR102
Synonyms:	GPR102; TA5; TaR-5; TaR-8; TAR5; TRAR5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053278
ORF Size:	1026 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213598).
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_053278.1</a>
RefSeq Size:	1029 bp
RefSeq ORF:	1029 bp
Locus ID:	83551
UniProt ID:	<a href="#">Q969N4</a>
Cytogenetics:	6q23.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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**MW:** 37.8 kDa

**Gene Summary:** This gene is part of the trace amine receptor cluster on chromosome 6 and encodes an orphan G-protein coupled receptor. Upregulated expression of this gene in astroglial cells upon exposure to lipopolysaccharides suggests a function for the encoded protein in the brain. [provided by RefSeq, Jul 2016]