

## Product datasheet for RC218295L2V

## OriGene Technologies, Inc.

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## PNR (TAAR5) (NM 003967) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type: Lentiviral Particles** 

**Product Name:** PNR (TAAR5) (NM\_003967) Human Tagged ORF Clone Lentiviral Particle

Symbol: PNR Synonyms: **Mammalian Cell** 

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

mGFP Tag:

NM 003967 ACCN: **ORF Size:** 1011 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC218295).

OTI Disclaimer:

Sequence:

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.

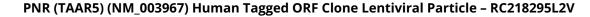
RefSeq: NM 003967.1

RefSeq Size: 1014 bp RefSeq ORF: 1014 bp Locus ID: 9038 **UniProt ID:** 014804 Cytogenetics: 6q23.2

**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Neuroactive ligand-receptor interaction





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MW: 38.1 kDa

**Gene Summary:** Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by

dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate

cyclase.[UniProtKB/Swiss-Prot Function]