Product datasheet for RC218295L4V

PNR (TAAR5) (NM_003967) Human Tagged ORF Clone Lentiviral Particle

Product data:

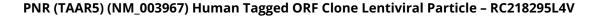|	
Product Type:	Lentiviral Particles
Product Name:	PNR (TAAR5) (NM_003967) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PNR
Synonyms:	PNR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003967
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218295).
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_003967.1
RefSeq Size:	1014 bp
RefSeq ORF:	1014 bp
Locus ID:	9038
UniProt ID:	O14804
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]