

Product datasheet for **RC200118L4V**

RAI3 (GPCR5A) (NM_003979) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAI3 (GPCR5A) (NM_003979) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPCR5A
Synonyms:	GPCR5A; PEIG-1; RAI3; RAIG1; TIG1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003979
ORF Size:	1071 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200118).
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_003979.3
RefSeq Size:	2856 bp
RefSeq ORF:	1074 bp
Locus ID:	9052
UniProt ID:	Q8NFJ5
Cytogenetics:	12p13.1
Domains:	7tm_3
Protein Families:	Druggable Genome, GPCR, Transmembrane



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MW: 40.3 kDa

Gene Summary: This gene encodes a member of the type 3 G protein-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The encoded protein may be involved in interaction between retinoid acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. This gene may play a role in embryonic development and epithelial cell differentiation. [provided by RefSeq, Jul 2008]