

## Product datasheet for RC200118L3V

## OriGene Technologies, Inc.

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## RAI3 (GPRC5A) (NM\_003979) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: RAI3 (GPRC5A) (NM\_003979) Human Tagged ORF Clone Lentiviral Particle

Symbol: RAI3

Synonyms: GPCR5A; PEIG-1; RAI3; RAIG1; TIG1

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 003979

ORF Size: 1071 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC200118).

Sequence:
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.

**RefSeg:** NM 003979.3

 RefSeq Size:
 2856 bp

 RefSeq ORF:
 1074 bp

 Locus ID:
 9052

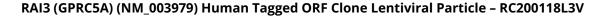
 UniProt ID:
 Q8NFJ5

 Cytogenetics:
 12p13.1

Domains: 7tm 3

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





ORIGENE

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]