

Product datasheet for **RC209104L2V**

GPR97 (ADGRG3) (NM_170776) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR97 (ADGRG3) (NM_170776) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR97
Synonyms:	GPR97; PB99; PGR26
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_170776
ORF Size:	1647 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209104).
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_170776.3 , NP_740746.3
RefSeq Size:	2676 bp
RefSeq ORF:	1650 bp
Locus ID:	222487
UniProt ID:	Q86Y34
Cytogenetics:	16q21
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	60.9 kDa



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Gene Summary:

Orphan receptor that regulates migration of lymphatic endothelial cells in vitro via the small GTPases RhoA and CDC42 (PubMed:24178298). Regulates B-cell development (By similarity). Seems to signal through G-alpha(q)-proteins (PubMed:22575658).[UniProtKB/Swiss-Prot Function]