

Product datasheet for **RC207600L2V**

GPR65 (NM_003608) Human Tagged ORF Clone Lentiviral Particle

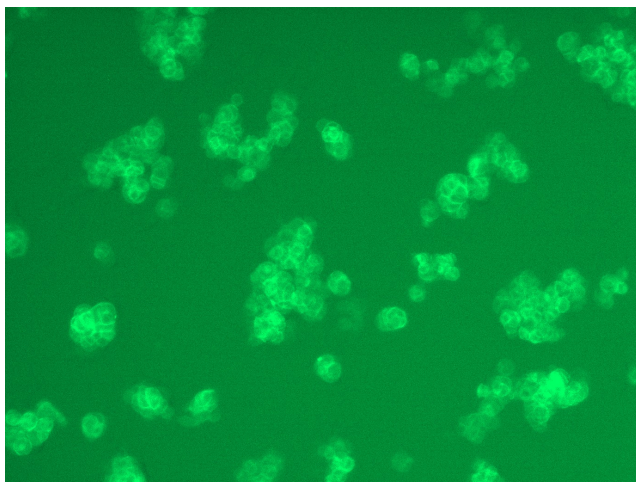
Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR65 (NM_003608) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR65
Synonyms:	hTDAG8; TDAG8
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003608
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207600).
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_003608.2 , NP_003599.2
RefSeq Size:	4522 bp
RefSeq ORF:	1014 bp
Locus ID:	8477
UniProt ID:	Q8IYL9
Cytogenetics:	14q31.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	39.3 kDa


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Gene Summary:

Receptor for the glycosphingolipid psychosine (PSY) and several related glycosphingolipids (PubMed:11309421). Plays a role in immune response by maintaining lysosome function and supporting phagocytosis-mediated intracellular bacteria clearance (PubMed:27287411). May have a role in activation-induced cell death or differentiation of T-cells (By similarity).
[UniProtKB/Swiss-Prot Function]

Product images:

[RC207600L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207600L2V particle to overexpress human GPR65-mGFP fusion protein.