

Product datasheet for **RC218370L4V**

GPR40 (FFAR1) (NM_005303) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR40 (FFAR1) (NM_005303) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FFAR1
Synonyms:	FFA1R; GPCR40; GPR40
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005303
ORF Size:	900 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218370).
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_005303.1
RefSeq Size:	903 bp
RefSeq ORF:	903 bp
Locus ID:	2864
UniProt ID:	O14842
Cytogenetics:	19q13.12
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane


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MW: 31.3 kDa

Gene Summary: This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for medium and long chain free fatty acids and may be involved in the metabolic regulation of insulin secretion. Polymorphisms in this gene may be associated with type 2 diabetes. [provided by RefSeq, Apr 2009]