

Product datasheet for **RC214159L3V**

GPR120 (FFAR4) (NM_181745) Human Tagged ORF Clone Lentiviral Particle

Product data:

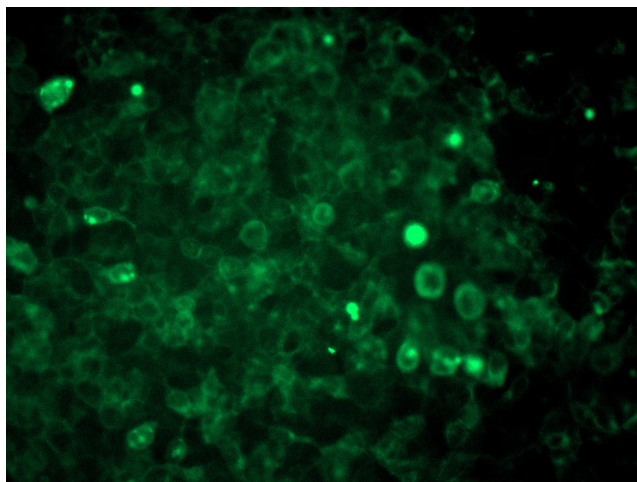
Product Type:	Lentiviral Particles
Product Name:	GPR120 (FFAR4) (NM_181745) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR120
Synonyms:	BMIQ10; GPR120; GPR129; GT01; O3FAR1; PGR4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_181745
ORF Size:	1131 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214159).
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_181745.2
RefSeq Size:	1190 bp
RefSeq ORF:	1134 bp
Locus ID:	338557
UniProt ID:	Q5NUL3
Cytogenetics:	10q23.33
Protein Families:	Druggable Genome, Transmembrane
MW:	42.1 kDa



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Gene Summary:

This gene encodes a G protein-coupled receptor (GPR) which belongs to the rhodopsin family of GPRs. The encoded protein functions as a receptor for free fatty acids, including omega-3, and participates in suppressing anti-inflammatory responses and insulin sensitizing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Product images:

[RC214159L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC214159L3V particle to overexpress human FFAR4-Myc-DDK fusion protein.