

Product datasheet for RC214159L4V

OriGene Technologies, Inc.

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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-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_181745 **ORF Size:** 1131 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC214159).

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

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 181745.2

 RefSeq Size:
 1190 bp

 RefSeq ORF:
 1134 bp

 Locus ID:
 338557

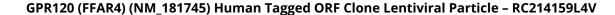
 UniProt ID:
 Q5NUL3

 Cytogenetics:
 10q23.33

Protein Families: Druggable Genome, Transmembrane

MW: 42.1 kDa







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]