

Product datasheet for **RC221345L4V**

GPR48 (LGR4) (NM_018490) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR48 (LGR4) (NM_018490) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR48
Synonyms:	BNMD17; GPR48
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018490
ORF Size:	2853 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221345).
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_018490.1
RefSeq Size:	5211 bp
RefSeq ORF:	2856 bp
Locus ID:	55366
UniProt ID:	Q9BXB1
Cytogenetics:	11p14.1
Domains:	7tm_1, LRRNT, LRR, LRR_TYP, LRR_BAC, LRR_PS
Protein Families:	Druggable Genome, GPCR, Transmembrane



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MW: 104.3 kDa

Gene Summary: The protein encoded by this gene is a G-protein coupled receptor that binds R-spondins and activates the Wnt signaling pathway. This Wnt signaling pathway activation is necessary for proper development of many organs of the body. [provided by RefSeq, Oct 2016]