Product datasheet for RC212825L1V

LGR5 (NM_003667) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LGR5 (NM_003667) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LGR5
Synonyms:	FEX; GPR49; GPR67; GRP49; HG38
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003667
ORF Size:	2721 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212825).
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_003667.2
RefSeq Size:	2880 bp
RefSeq ORF:	2724 bp
Locus ID:	8549
UniProt ID:	O75473
Cytogenetics:	12q21.1
Domains:	7tm_1, LRRNT, LRR, LRR_TYP, LRR_PS
Protein Families:	Druggable Genome, GPCR, Transmembrane

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MW: 99.8 kDa

Gene Summary: The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]