

## Product datasheet for **RC211338L2V**

### LGR7 (RXFP1) (NM\_021634) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LGR7 (RXFP1) (NM_021634) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LGR7
Synonyms:	LGR7; RXFP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021634
ORF Size:	2271 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211338).
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. <a href="#">More info</a>
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:	<a href="#">NM_021634.2</a>
RefSeq Size:	3874 bp
RefSeq ORF:	2274 bp
Locus ID:	59350
UniProt ID:	<a href="#">Q9HBX9</a>
Cytogenetics:	4q32.1
Domains:	7tm_1, LRR, ldl_recept_a, LRR_TYP, LRR_SD22, LRR_PS
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**Protein Pathways:** Neuroactive ligand-receptor interaction

**MW:** 87 kDa

**Gene Summary:** This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane receptor superfamily. The encoded protein plays a critical role in sperm motility, pregnancy and parturition as a receptor for the protein hormone relaxin. Decreased expression of this gene may play a role in endometriosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]