

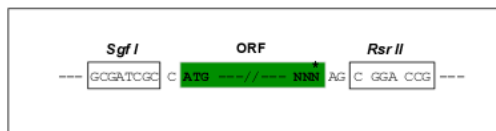
## Product datasheet for **RG208537**

### LGR6 (NM\_021636) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LGR6 (NM_021636) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LGR6
Synonyms:	GPCR; VTS20631
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-RsrII
Cloning Scheme:	

Cloning sites used for ORF Shutting:



EcoR I      BamH I Kpn I      RBS      Kozac Consensus      Sgf I      Asc I  
 CTATAGGCGCGCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGCGCCAGATCT

Hind III      Nhe I Rsr II      Mlu I      Not I      Xho I      GFP Tag  
 CAAGCTTAAGCTAGCTAGCGGACCG    ACG CGT    ACG CGG CCG    CTC GAG    ATG GAG AGC GAC    ---

---      GAA GAA AGA    GTT TAA    ACGGCCGGCCGGAGCT  
 -      E    E    R    V    Stop

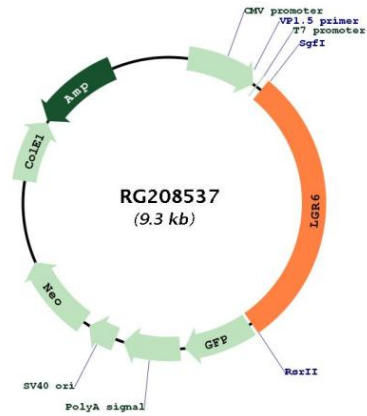
ACCN:	NM_021636
ORF Size:	2745 bp



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<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_021636.3</a>
<b>RefSeq Size:</b>	3345 bp
<b>RefSeq ORF:</b>	2748 bp
<b>Locus ID:</b>	59352
<b>UniProt ID:</b>	<a href="#">Q9HBX8</a>
<b>Cytogenetics:</b>	1q32.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. The encoded protein is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG208537