

## Product datasheet for **SC302038**

### LGR6 (NM\_001017403) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LGR6 (NM_001017403) Human Untagged Clone
Tag:	Tag Free
Symbol:	LGR6
Synonyms:	GPCR; VTS20631
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001017403 edited  
 CGGGACCGGGAGGAAGCAGCTGCGGCCACCGCGCCGTGCGTCCGCGCCCGGCCAGGT  
 GCCCCAGTAGCCCGACCGCCGAGATGCCAGCCCGCGGGGCTCCGGGCGCTATGGCTTT  
 GCGCCGCGCTGTGCGCTTCCCGGAGGGCCGGCGCGCCCCCAGCCCGGCCGGGCCCA  
 CCGCCTGCCCGGCCCTGCCACTGCCAGGAGGACGGCATCATGTGTCTGCCGACTGCT  
 CTGAGCTCGGGTGTCCGCGTTCGGGGGACCTGGACCCCTGACGGCTTACCTGGACC  
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GACATATGCCATGCATAAAGACTTCTATTAATAAAGCTTTGGAAGAGATTACAAAAAA
AAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM\_001017403
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
- Components:** 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>RefSeq:</b>	<u>NM_001017403.1, NP_001017403.1</u>
<b>RefSeq Size:</b>	3458 bp
<b>RefSeq ORF:</b>	2904 bp
<b>Locus ID:</b>	59352
<b>UniProt ID:</b>	<u>Q9HBX8</u>
<b>Cytogenetics:</b>	1q32.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>