

# Product datasheet for TP762667

### LGR5 (NM\_003667) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human leucine-rich repeat containing G protein-coupled receptor 5 (LGR5), 22Gly-561Arg Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding the region(22Gly-561Arg) of LGR5 or AA Sequence: N-His Tag: Predicted MW: 60.4 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Storage: Store at -80°C after receiving vials. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 003658 Locus ID: 8549 075473, A0A0A8K8C7 **UniProt ID: RefSeq Size:** 2880 Cytogenetics: 12q21.1 **RefSeq ORF:** 2721 Synonyms: FEX; GPR49; GPR67; GRP49; HG38



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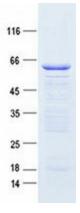
### OriGene Technologies, Inc.

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	LGR5 (NM_003667) Human Recombinant Protein – TP762667
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 ster cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]

Protein Families: Druggable Genome, GPCR, Transmembrane

## **Product images:**



Purified recombinant protein LGR5 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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