Recombinant Human LGR5 Protein, Fc-tagged

Cat. No. LGR5-641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGR5(His447-Arg561) fused with Fc tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	447-561 a.a.
Description	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.
Form	DPBS, 10% glycerol
Molecular Mass	38 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	LGR5 leucine-rich repeat containing G protein-coupled receptor 5 [Homo sapiens]
Official Symbol	LGR5
Synonyms	LGR5; leucine-rich repeat containing G protein-coupled receptor 5; G protein coupled receptor 49 , GPR49, GPR67, leucine rich repeat containing G protein coupled receptor 5; leucine-rich repeat-containing G-protein coupled receptor 5; FEX; HG38; G-protein coupled receptor 49; G-protein coupled receptor 67; G-protein coupled receptor HG38; orphan G protein-coupled receptor HG38; leucine-rich repeat-containing G protein-coupled receptor 5; GPR49; GPR67; GRP49; MGC117008;
Gene ID	8549
mRNA Refseq	NM_003667
Protein Refseq	NP_003658
MIM	606667
UniProt ID	O75473

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