

Active Recombinant Human LGR5 protein, His-tagged

Cat. No. LGR5-2113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGR5 protein(NP_003658.1)(Gly 22 - Arg 561), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly 22 - Arg 561
Form	PBS, pH7.4
Bio-activity	Immobilized Human R-Spondin 3 at 2 µg/mL (100 µL/well) can bind Human LGR5, His Tag with a linear range of 5-39 ng/mL.
Molecular Mass	62.0 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200

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ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

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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