

Active Recombinant Human LGR4 protein, His-tagged

Cat. No. LGR4-2112H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGR4 protein(NP_060960.2)(Ala 25 -Thr 544), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 25 -Thr 544
Form	PBS, pH7.4
Bio-activity	Immobilized Human R-Spondin 3 at 2 µg/mL (100 µL/well) can bind Human LGR4, His Tag with a linear range of 10-78 ng/mL.
Molecular Mass	58.8 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>85% 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	LGR4 leucine-rich repeat containing G protein-coupled receptor 4 [Homo sapiens]
Official Symbol	LGR4
Synonyms	LGR4; leucine-rich repeat containing G protein-coupled receptor 4; G protein coupled receptor 48 , GPR48, leucine rich repeat containing G protein coupled receptor 4; leucine-rich repeat-containing G-protein coupled receptor 4; G protein-coupled receptor 48; GPR48;
Gene ID	55366
mRNA Refseq	NM_018490
Protein Refseq	NP_060960
MIM	606666
UniProt ID	Q9BXB1

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