

# Active Recombinant Human LGR4 Full Length Transmembrane protein(Nanodisc), His-tagged

**Cat. No.** LGR4-3533H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human LGR4 Full Length Transmembrane protein(Nanodisc)(Q9BXB1-1)(Met1-Asp951) is expressed from HEK293 with His tag at the C-terminus.                         |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-951 aa                                                                                                                                                                          |
| <b>Form</b>             | Supplied as 0.22 µm filtered solution in PBS (pH 7.4).                                                                                                                            |
| <b>Bio-activity</b>     | Immobilized Human R-Spondin 3, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human LGR-4 Nanodisc, His Tag with the EC50 of 0.36µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 105.80 kDa.                                                                                                                                     |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                          |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.  |

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**Concentration** 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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

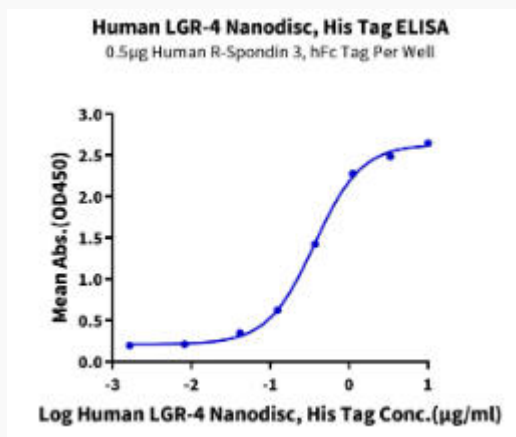
**UniProt ID** Q9BXB1

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## ELISA Data



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