Active Recombinant Human LGR4 Full Length Transmembrane protein(Nanodisc)

Cat. No. LGR4-1914H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGR4 Full Length Transmembrane protein(Q9BXB1), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag LGR4-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with LGR4-Nanodisc is 5.224ng/ml.
Molecular Mass	The human full length LGR4 protein has a MW of 104.5 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

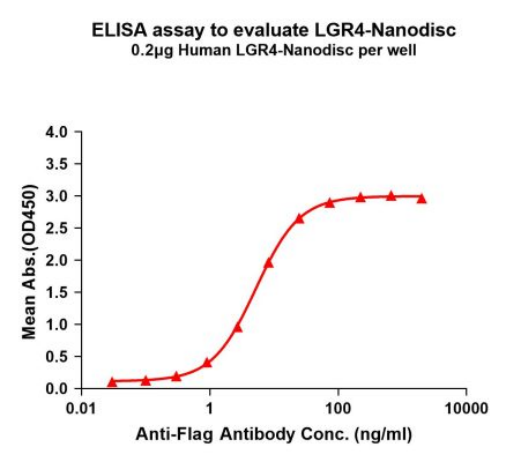
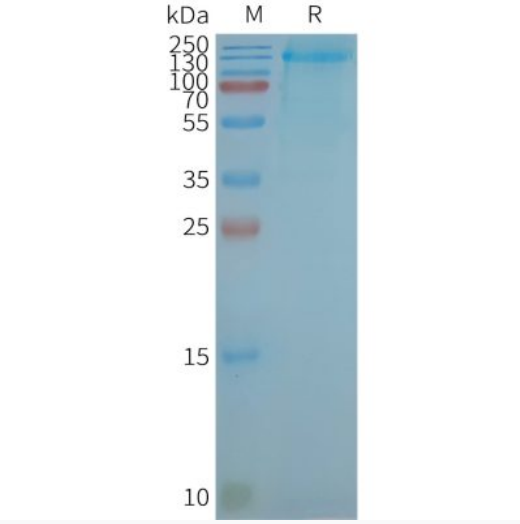
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length	Full L.

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Activity	
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA