

## **PRODUCT INFORMATION**

**Target** LGR4

**Synonyms** BNMD17;GPR48

Recombinant Human LGR4 with C-terminal **Description** 

human Fc tag

**Delivery** In Stock **Uniprot ID** Q9BXB1 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

LGR4(Ala25-Thr544) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

83.3 kDa after removal of the signal peptide. The apparent molecular mass of LGR4-hFc is **Molecular Weight** 

approximately 100-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

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.

The protein encoded by this gene is a G-protein coupled receptor that binds R-spondins and activates the Wnt signaling pathway. This Wnt signaling pathway activation is necessary for proper development of many organs of the body. [provided by RefSeq, Oct 2016]

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Usage Research use only Conjugate Unconjugated



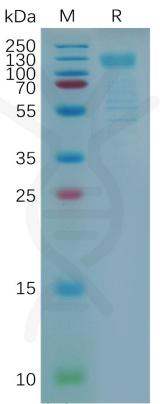


Figure 1. Human LGR4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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