PRODUCT INFORMATION

Target	LGR4
Synonyms	BNMD17;GPR48
Description	Recombinant Human LGR4 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9BXB1
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	LGR4(Ala25-Thr544) hFc(Glu99-Ala330)
Molecular Weight	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 approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

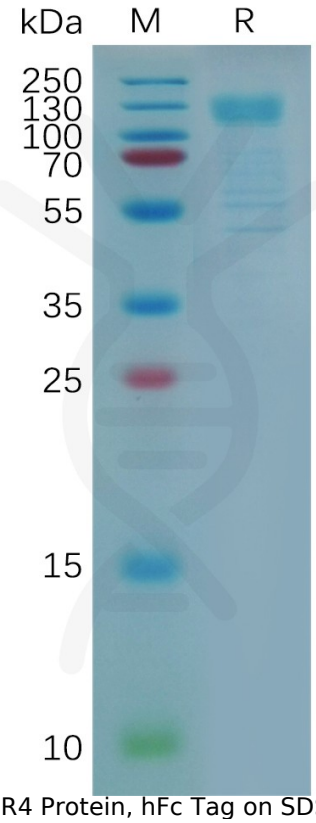

Figure 1. Human LGR4 Protein, hFc Tag on SDS-PAGE under reducing condition.

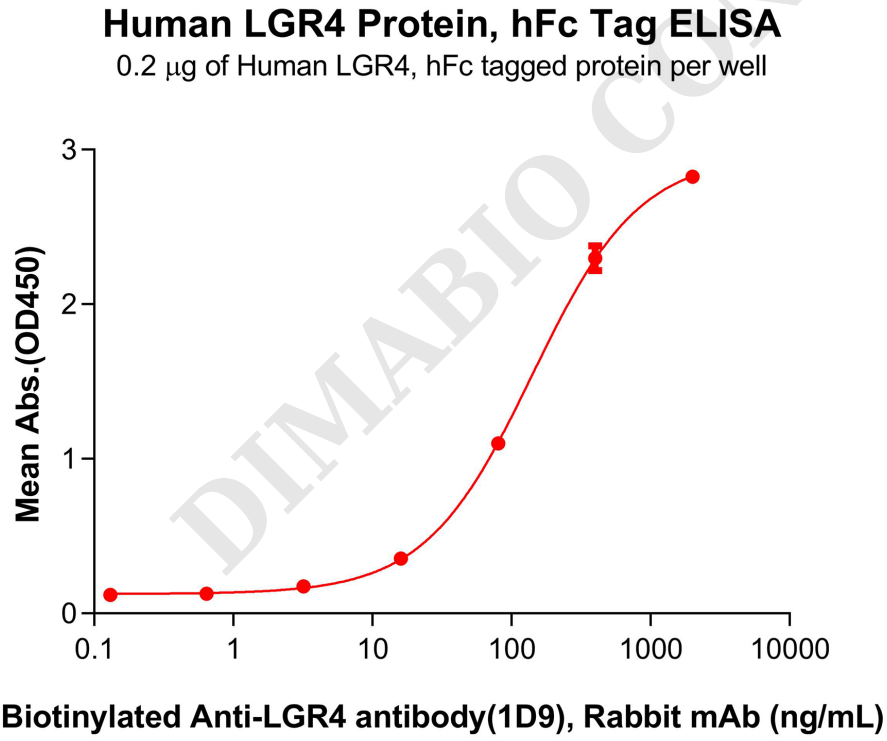

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human LGR4 Protein, hFc tag (PME100669) can Biotinylated Anti-LGR4 antibody(1D9), Rabbit mAb (DME101188B) in a linear range of 80-400 ng/mL.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com