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## Datasheet for ABIN7092821 LGR4 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	LGR4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LGR4 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human LGR4 with C-terminal human Fc tag
Specificity:	LGR4 (Ala25-Thr544) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	LGR4
Alternative Name:	LGR4 ( <a href="#">LGR4 Products</a> )
Background:	Synonyms: BNMD17 Description: 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

## Target Details

	necessary for proper development of many organs of the body. [provided by RefSeq, Oct 2016]
Molecular Weight:	predicted molecular mass of 83.3 kDa after removal of the signal peptide. The apparent molecular mass of LGR4-hFc is 100-130 kDa due to glycosylation.
UniProt:	<a href="#">Q9BXB1</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months