

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

Target LGR5

FEX; GPR49; GPR67; GRP49; HG38 **Synonyms**

Human LGR5-Strep full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** 075473 **Expression Host HEK293**

Druggable Genome, GPCR, Transmembrane **Protein Families**

Protein Pathways N/A

Background

The human full length LGR5-Strep protein has a **Molecular Weight**

MW of 100 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

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). Storage & Shipping Lyophilized proteins are shipped at ambient

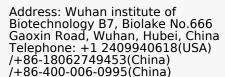
temperature.

The protein is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal

stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene.

Usage Research use only

Conjugate Unconjugated



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