

# Product Information

## NativeExtract™ Human LGR4 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX445**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human LGR4 protein in native nanodisc form. The synthetic compound we developed can solubilize the LGR4 protein from membrane while retaining the native structure.

### Product Specifications

#### Host Species

Human

#### Target Protein

LGR4

#### Protein Length

Full length

#### Molecular Weight

104.5 kDa

#### Sequence

Accession # [Q9BXB1](#)

### Product Description

#### Activity

Yes

#### Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

#### Expression Systems

HEK293 expression system

#### Tag

Flag tag at the C-terminus

#### Protein Format

Native Nanodisc

#### Form

Liquid

**Buffer**

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

**Storage**

The product should be stored at -20°C to -80°C.

**Target****Target Protein**

LGR4

**Full Name**

Leucine rich repeat containing G protein-coupled receptor 4

**Introduction**

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.

**Alternative Names**

GPR48; BNMD17; G protein-coupled receptor 48; LGR4; Leucine rich repeat containing G protein-coupled receptor 4

**Gene ID**

[55366](#)

**UniProt ID**

[Q9BXB1](#)