

Product Information

MemDX™ Membrane Protein Human LGR6 (Leucine rich repeat containing G protein-coupled receptor 6) Expressed in *E.coli* with 6xHis tag at the C-terminus for Antibody Discovery, Partial (25-567aa)

Cat. No.: **MPX4204K**

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

This product is a 61.6 kDa Human LGR6 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

LGR6

Protein Length

Partial (25-567aa)

Protein Class

GPCR

Molecular Weight

61.6 kDa

TMD

7

Sequence

APQPGPGPTACPAPCHCQEDGIMLSADCSELGLSAVPGDLPLTAYLDLSMNNLTQLPGLFHHLRFLEELRLSGNHLSHIPGQAF

Product Description

Expression Systems

E.coli

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE.

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

LGR6

Full Name

Leucine rich repeat containing G protein-coupled receptor 6

Introduction

This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. The encoded protein is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

GPCR; VTS20631; gonadotropin receptor; LGR6; Leucine rich repeat containing G protein-coupled receptor 6

Gene ID

[59352](#)

UniProt ID

[Q9HBX8](#)