

Product Information

MemDX™ Recombinant Human GCGR Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **MPVLP-018**

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

This product is recombinant Human GCGR in VLPs form. This product is produced from mammalian cells by co-expressing the retroviral structural core polypeptide (gag) and the target membrane protein. MP-VLPs display highly-expressed copies of membrane proteins in their native conformation, providing an alternative to membrane protein stable cell lines, membrane preparations, detergent-solubilized proteins and other membrane protein preparation strategies. MP-VLPs can be used for a wide range of applications in antibody production, antibody discovery, antibody characterization, binding assays and functional assays.

Product Specifications

Host Species

Human

Target Protein

GCGR

Protein Length

Full length

Protein Class

GPCR

TMD

7

Product Description

Application

ELISA; Antibody Production; Antibody Discovery; Antibody Characterization; Binding Assays; Functional Assays

Expression Systems

HEK293 expression system

Protein Format

Membrane Protein-Virus Like Particles (MP-VLPs)

Form

Liquid

Storage

The product should be stored at -20°C or lower. Avoid freeze-thaw cycles.

Target

Target Protein

GCGR

Full Name

Glucagon receptor

Introduction

The protein encoded by this gene is a glucagon receptor that is important in controlling blood glucose levels. Defects in this gene are a cause of non-insulin-dependent diabetes mellitus (NIDDM).

Alternative Names

GGR; GL-R; glucagon receptor

Gene ID

[2642](#)

UniProt ID

[P47871](#)