

# Product Information

## **MemDX™ Recombinant Human GPRC5D Membrane Protein in Virus-Like Particles (MP-VLPs)**

Cat. No.: **MPVLP-048**

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

This product is recombinant Human GPRC5D in VLPs form. This product is produced from HEK293 by co-expressing the retroviral structural core polyprotein (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**

GPRC5D

#### **Protein Length**

Full length

#### **Protein Class**

GPCR

#### **TMD**

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### Product Description

#### **Activity**

Yes

#### **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**

GPRC5D

**Full Name**

G protein-coupled receptor class C group 5 member D

**Introduction**

The protein encoded by this gene is a member of the G protein-coupled receptor family; however, the specific function of this gene has not yet been determined.

**Alternative Names**

GPRC5D, G-protein coupled receptor family C group 5 member D

**Gene ID**

[55507](#)

**UniProt ID**

[Q9NZD1](#)