

# Product Information

## **MemDX™ Membrane Protein Human GPR25 (G protein-coupled receptor 25) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX3458K**

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

This product is a Human GPR25 membrane protein expressed *in vitro* *E.coli* expression system. 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**

GPR25

#### **Protein Length**

Full Length

#### **Protein Class**

GPCR

#### **TMD**

7

#### **Sequence**

MAPTEPWSPSPGSAPWDYSGLDGLEEELELCPAGDLPYGYVYIPALYLAAFAVGLLGNAFVWLLAGRRGPRRLVDTFVLHLAAADL

### Product Description

#### **Expression Systems**

*in vitro* *E.coli* expression system

#### **Tag**

10xHis tag at the N-terminus

#### **Protein Format**

Soluble

#### **Form**

Liquid or Lyophilized powder

#### **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**

GPR25

#### **Full Name**

G protein-coupled receptor 25

#### **Introduction**

This gene is intronless and encodes a member of the G-protein coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. This gene has been linked to arterial stiffness.

#### **Alternative Names**

GPR25; probable G-protein coupled receptor 25; G protein-coupled receptor 25

#### **Gene ID**

[2848](#)

#### **UniProt ID**

[Q00155](#)