

## Product Information

### **MemDX™ Membrane Protein Human GPR101 (G protein-coupled receptor 101) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX3616K**

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

This product is a Human GPR101 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**

GPR101

##### **Protein Length**

Full Length

##### **Protein Class**

GPCR

##### **TMD**

7

##### **Sequence**

MTSTCTNSTRESNSSHTCMPLSKMPISLAHGIIRSTVLVIFLAASFVGNIVLALVLQRKPQLLQVTNRIFIFNLLVTDLLQISLVAPWVVA

#### 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**

GPR101

#### **Full Name**

G protein-coupled receptor 101

#### **Introduction**

The protein encoded by this gene is an orphan G protein-coupled receptor of unknown function. The encoded protein is a member of a family of proteins that contain seven transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.

#### **Alternative Names**

GPR101; GPCR6; PAGH2; PITA2; probable G-protein coupled receptor 101; G protein-coupled receptor 101

#### **Gene ID**

[83550](#)

#### **UniProt ID**

[Q96P66](#)