

# Product Information

## **MemDX™ Membrane Protein Human GPR37 (G protein-coupled receptor 37) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein**

Cat. No.: **MPX3641K**

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

This product is a Human GPR37 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**

GPR37

#### **Protein Length**

Full Length of Mature Protein

#### **Protein Class**

GPCR

#### **TMD**

7

#### **Sequence**

ALGVAPASRNETCLGESCAPTVIQRRGRDAWGPGNSARDVLRARAPREEQGAAFLAGPSWDLPAAPGRDPAAGRGAEASAAGP

### 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

GPR37

#### Full Name

G protein-coupled receptor 37

#### Introduction

This gene is a member of the G protein-coupled receptor family. The encoded protein contains seven transmembrane domains and is found in cell and endoplasmic reticulum membranes. G protein-coupled receptors are involved in translating outside signals into G protein mediated intracellular effects. This gene product interacts with Parkin and is involved in juvenile Parkinson disease.

#### Alternative Names

GPR37; PAELR; EDNRBL; hET(B)R-LP; prosaposin receptor GPR37; ETBR-LP-1; G protein-coupled receptor 37 (endothelin receptor type B-like); Parkin-associated endothelin receptor-like receptor; endothelin B receptor-like protein 1; probable G-protein coupled receptor 37; G protein-coupled receptor 37

#### Gene ID

[2861](#)

#### UniProt ID

[O15354](#)