

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

ALGVAPASRNETCLGESCAPTVIQRRGRDAWGPGNSARDVLRARAPREEQGAAFLAGPSWDLPAAPGRDPAAGRGAEASAAGPI

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](#)