

Product Information

MemDX™ Membrane Protein Human GPR37 (G protein-coupled receptor 37) Expressed in CHO for Antibody Discovery, Partial (28-265aa)

Cat. No.: **MPX0036K**

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

This product is a 26 kDa Human GPR37 membrane protein expressed in CHO. 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

Partial (28-265aa)

Protein Class

GPCR

Molecular Weight

26 kDa

TMD

7

Sequence

LGVAPASRNETCLGESCAPTVIQ
RRGRDAWGPNGNSARDVLRARAPREEQGAAFLAGPSWDLPAAPGRDPAAGR
GAEASAAGPPGPTRPPGPWRKGARGQEPSETLGRGNPTALQLFLQISE
EEEKGPRGAGISGRSQEQSVKTVPGASDLFYWPRRAGKLQGSHHKPLSKT
ANGLAGHEGWTIALPGRALAQNGLGEGIHEPGGGPRRGNSTNRRVRLKNP
FYPLTQESYGAYAVM

Product Description

Expression Systems

CHO

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 250 µg/mL in PBS.

Endotoxin

<0.1 EU/µg by the LAL method

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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

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; GPR37; G protein-coupled receptor 37

Gene ID

[2861](#)

UniProt ID

[O15354](#)