

Product Information

MemDX™ Membrane Protein Human GPR161 (G protein-coupled receptor 161) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3622K**

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

This product is a Human GPR161 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

GPR161

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MSLNSSLSCRKELSNLTEEEGGEGGVITQFIAIIVITIFVCLGNLVIVVTLYKKS YLLT LSNKFVFSLT LSNFLLSVLVLPFVVTSSIRREW

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis and SUMO tag

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

GPR161

Full Name

G protein-coupled receptor 161

Introduction

The protein encoded by this gene is an orphan G protein-coupled receptor whose ligand is unknown. This gene is overexpressed in triple-negative breast cancer, and disruption of this gene slows the proliferation of basal breast cancer cells. Therefore, this gene is a potential drug target for triple-negative breast cancer.

Alternative Names

GPR161; RE2; G-protein coupled receptor RE2; G protein-coupled receptor 161

Gene ID

[23432](#)

UniProt ID

[Q8N6U8](#)