

Product Information

MemDX™ Membrane Protein Human GPR21 (G protein-coupled receptor 21) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3415K**

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

This product is a Human GPR21 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

GPR21

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MNSTLDGNQSSHPFCLLAFGYLETVNFCLEVLIIIVFLTVLIISGNIIVIFVFHCAPLLNHHTTSYFIQTMAYADLFVGVSCVVPSSLHH

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

GPR21

Full Name

G protein-coupled receptor 21

Introduction

This gene encodes a member of the G-protein-coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. The encoded protein activates a Gq signal transduction pathway which mobilizes calcium.

Alternative Names

GPR21; probable G-protein coupled receptor 21; G protein-coupled receptor 21

Gene ID

[2844](#)

UniProt ID

[Q99679](#)