

Product Information

MemDX™ Membrane Protein Human GPR21 (G protein-coupled receptor 21) Full Length

Cat. No.: **MPC0149K**

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

This product is a 39.5 kDa Human GPR21 membrane protein expressed in HEK293. 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

Molecular Weight

39.5 kDa

TMD

7

Sequence

MNSTLDGNQSSHPFCLLAFGYLETVNFCLEVLIIIVFLTVLIISGNIIV
FVFHCAPLLNHHTTSYFIQTMAYADLFVGVSCVVPSSLHHPLPVEESL
TCQIFGFVSVLKSVMASLACISIDRYIAITKPLTYNTLVTPWRLRLCI
FLIWLYSTLVFLPSFFHWGKPGYHGDVFQWCAESWHTDSYFTLFIVMMLY
APAALIVCFTYFNIFRICQQHTKDISERQARFSSQSGETGEVQACPDKRY
AMVLFRITSVFYILWLPYIIYFLLESSTGHSNRFASFLTTLWLAISSFCN
CVIYSLSNSVFQRGLKRLSGAMCTSCASQTTANDPYTVRSKGPLNGCHI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

Gene ID

[2844](#)

UniProt ID

[Q99679](#)