

Product Information

MemDX™ Membrane Protein Human GPRC5A (G protein-coupled receptor class C group 5 member A) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3439K**

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

This product is a Human GPRC5A 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

GPRC5A

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MATTVPDGCRNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQDSNRRKMLPTQFLFLLGVLGIFGLTFAFIIG

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

GPCR5A

Full Name

G protein-coupled receptor class C group 5 member A

Introduction

This gene encodes a member of the type 3 G protein-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The encoded protein may be involved in interaction between retinoid acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. This gene may play a role in embryonic development and epithelial cell differentiation.

Alternative Names

GPCR5A; RAI3; TIG1; RAIG1; GPCR5A; PEIG-1; retinoic acid-induced protein 3; G-protein coupled receptor family C group 5 member A; TPA induced gene 1; orphan G-protein-coupling receptor PEIG-1; phorbol ester induced gene 1; phorbol ester induced protein-1; retinoic acid induced 3; retinoic acid responsive; retinoic acid-induced gene 1 protein; G protein-coupled receptor class C group 5 member A

Gene ID

[9052](#)

UniProt ID

[Q8NFJ5](#)