

Product Information

MemDX™ Membrane Protein Human GPRC5A (G protein-coupled receptor class C group 5 member A) Expressed in Wheat germ, Full Length

Cat. No.: **MPX0005K**

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

This product is a 60 kDa Human GPRC5A membrane protein expressed in Wheat germ. 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

Molecular Weight

60 kDa

TMD

7

Sequence

MATTVPDGCNRNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQDSNRRKMLPTQFLFLLGVLGIFGLTFAFIIG

Product Description

Expression Systems

Wheat germ

Tag

GST tag at N-terminus

Protein Format

Soluble

Form

Liquid

Endotoxin

<0.1 EU/μg by the LAL method

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**

GPRC5A

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

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; GPRC5A; G protein-coupled receptor class C group 5 member A

Gene ID

[9052](#)

UniProt ID

[Q8NFJ5](#)