

Product Information

MemDX™ Membrane Protein Human GPRC5B (G protein-coupled receptor class C group 5 member B) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3493K**

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

This product is a Human GPRC5B 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

GPRC5B

Protein Length

Full Length of Mature Protein

Protein Class

GPCR

TMD

7

Sequence

ENASTSRGCGDLLPQYVSLCDLDAIWGIVVEAVAGAGALITLLLMLILLVRLPFIKEKEKKSPVGLHFLFLLGTLGLFGLTFAFIIQEDEL

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

GPRC5B

Full Name

G protein-coupled receptor class C group 5 member B

Introduction

This gene encodes a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The encoded protein may modulate insulin secretion and increased protein expression is associated with type 2 diabetes. Alternative splicing results in multiple transcript variants.

Alternative Names

GPRC5B; RAIG2; RAIG-2; G protein-coupled receptor, family C, group 1, member B; retinoic acid responsive gene protein; retinoic acid-induced gene 2 protein; G protein-coupled receptor class C group 5 member B

Gene ID

[51704](#)

UniProt ID

[Q9NZH0](#)