

Product Information

MemDX™ Membrane Protein Human GPRC5B (G protein-coupled receptor class C group 5 member B) for Antibody Discovery

Cat. No.: **MP0481X**

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

This product is a 66.99 kDa Human GPRC5B membrane protein expressed in *in vitro* wheat germ 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

Molecular Weight

66.99 kDa

TMD

7

Sequence

ENASTSRGCGDLLPQYVSLCDLDAIWGIVVEAVAGAGALITLLMLILLVRLPFIKEKEKKSPVGLHFLFLLGTLGLFGLTFAFIIQEDE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

RAIG2; RAIG-2

Gene ID

[51704](#)

UniProt ID

[Q9NZH0](#)