SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human GPRC5B (G protein-coupled receptor class C group 5 member B) Full Length

Cat. No.: **MPC0180K**
This product is for research use only and is not intended for diagnostic use.

This product is a 44.7 kDa Human GPRC5B 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
GPRC5B

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
44.7 kDa

TMD
7

Sequence
MFVASERKMRAHQVLTFLLLFVITSVASENASTSRGCGLDLLPQYVSLCD
LDAIWGIVVEAVAGAGALITLLLMLILLVRLPFIKEKEKKSPVGLHFLFL
LGTLGLFGLTFAFIIQEDETICSVRRFLWGVLFALCFSCLLSQAWRVRRL
VRHGTGPAGWQLVGLALCLMLVQVIIAVEWLVLTVLRDTRPACAYEPMDF
VMALIYDMVLLVVTLGLALFTLCGKFKRWKLNGAFLLITAFLSVLIWVAW
MTMYLFGNVKLQQGDAWNDPTLAITLAASGWVFVIFHAIPEIHCTLLPAL
QENTPNYFDTSQPRMRETAFEEDVQLPRAYMENKAFSMDEHNAALRTAGF
PNGSLGKRPSGSLGKRPSAPFRSNVYQPTEMAVVLNGGTIPTAPPSHTGR
HLW

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

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

Gene ID

51704

UniProt ID

Q9NZH0