

## Product Information

### **MemDX™ Membrane Protein Human GPRC5C (G protein-coupled receptor class C group 5 member C) Full Length**

Cat. No.: **MPC0181K**

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

This product is a 48.1 kDa Human GPRC5C 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

GPRC5C

##### Protein Length

Full length

##### Protein Class

GPCR

##### Molecular Weight

48.1 kDa

##### TMD

7

##### Sequence

MAIHKALVMCLGLPLFLFPGAWAQGHVPPGCSQGLNPLYYNLCDRSGAWG  
IVLEAVAGAGIVTTFVLTIILVASLPFVQDTKKRSLGTVFFLLGTLGL  
FCLVFACVVKPDFSTCASRRFLFGVLFALCFSCLAHVFAFNFLARKNHG  
PRGWVIFTVALLTLVEVIINTEWLIITLVRGSGEGGPQGNSSAGWAVAS  
PCAIANMDFVMALIYVMLLLLGAFLGAWPALCGRYKRWRKHGVFVLLTTA  
TSVAIWVWVIMYTYGNKQHNSTWDDPTLAIALAANAWAFVLFYVIPEV  
SQVTKSSPEQSYQGDMYPTRGVGYETILKEQKGQSMFVENKAFSMDEPVA  
AKRPVSPYSGYNGQLLTSVYQPTMALMHKVPSEGAYDIILPRATANSQV  
MGSANSTLRAEDMYSAQSHQAATPPKDGKNSQVFRNPYVWD

#### 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**

GPRC5C

**Full Name**

G protein-coupled receptor class C group 5 member C

**Introduction**

The protein encoded by this gene is 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 specific function of this protein is unknown; however, this protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. Two transcript variants encoding different isoforms have been found for this gene.

**Alternative Names**

RAIG3; RAIG-3; G-protein coupled receptor family C group 5 member C; orphan G-protein coupled receptor; retinoic acid responsive gene protein; retinoic acid-induced gene 3 protein; GPRC5C; G protein-coupled receptor class C group 5 member C

**Gene ID**

[55890](#)

**UniProt ID**

[Q9NQ84](#)