

Product Information

MemDX™ Membrane Protein Human GPRC6A (G protein-coupled receptor class C group 6 member A) Full Length

Cat. No.: **MPC0183K**

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

This product is a 104.7 kDa Human GPRC6A 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

GPRC6A

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

104.7 kDa

TMD

7

Sequence

MAFLIILITCFVILATSQPCQTPDDFVAATSPGHHIIGGLFAIHEKMLS
SEDSPPRRPQIQECVGFSEISVFLQTLAMIHSIEMINNSTLLPGVKLGYEIY
DTCETVTVAMAATLRFLSKFNCSRETVEFKCDYSSYMPRVKAVIGSGYSE
ITMAVSRMLNLQLMPQVGVESTAEILSDKIRFPSFLRTVPSDFHQIKAMA
HLIQKSGWNWIGIITDDDYGRLALNTFIIQAEANNVCIAFKEVLP AFLS
DNTIEVRINRTLKKIILEAQVNVIVVFLRQFHVFDLFNKAIEMNINKMWI
ASDNWSTATKITIPNVKKIGKVVGFAFRRGNISSFHSFLQNLHLLPSDS
HKLLHEYAMHLSACAYVKDLDLSQCIFNHSQRTLAYKANKAIERNFVMRN
DFLWDYAEPGLIHSIQLAVFALGYAIRDLCQARDQCQNPNAFQPWELLGVL
KNVTFTDGWNSFHFDAHGDLNTGYDVVLWKEINGHMTVTKMAEYDLQNDV
FIIPDQETKNEFRNLKQIQSKCSKECSPGQMCKTTRSQHICCYECQNCPE
NHYTNQTDMPHCLLCNNKTHWAPVRSTMCFEKEVEYLNWNSLAILLIL
SLLGIIFVLVVGIIIFTRNLNTPVVKSSGGLRVCYVILLCHFLNFASTSFF
IGEPQDFTCKTRQTMFGVSFTLCISCILTKSLKILLAFSFDPKLQKFLKC
LYRPILIFTCTGIQVICTLWLIFAAPTVEVNVSLPRVILECEECSIL
AFGTMLGYIAILAFICFIFAFKGKYENYNEAKFITFGMLIYFIWITFIP
IYATTFGKYVPAVEIIVILISNYGILYCTFIPKCYVIICKQEINTKSAFL
KMIYSYSSHSVSSIALSPASLDMSGNVTMTNPSSSGKSATWQKSKDLQA
QAFAHICRENATSVSKTLPRKRMSSI

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

GPRC6A

Full Name

G protein-coupled receptor class C group 6 member A

Introduction

Members of family C of the G protein-coupled receptor (GPCR) superfamily, such as GPRC6A, are characterized by an evolutionarily conserved amino acid-sensing motif linked to an intramembranous 7-transmembrane loop region. Several members of GPCR family C, including GPRC6A, also have a long N-terminal domain.

Alternative Names

GPCR; bA86F4.3; G-protein coupled receptor family C group 6 member A; G protein-coupled receptor, family C, group 6, member A; G-protein coupled receptor GPCR33; predicted with SOSUI analysis; seven transmembrane helix receptor; GPRC6A; G protein-coupled receptor class C group 6 member A

Gene ID

[222545](#)

UniProt ID

[Q5T6X5](#)