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Product Information

MemDX™ Membrane Protein Human GPR3 (G protein-coupled receptor 3) Full Length

Cat. No.: **MPC0154K**
This product is for research use only and is not intended for diagnostic use.

This product is a 35 kDa Human GPR3 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
GPR3

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
35 kDa

TMD
7

Sequence
MMWGAGSPLAWLSAGSGNVNVSSVGPAEGPTGPAAPLPSPKAWDVVLCIS
GTLVSCENALVVAIIVGTPAFRAPMFLLVGSLAVADLLAGLGLVLHFAAV
FCIGSAEMSLVLVGVLAMAFTASIGSLLAITVDRYLSLYNALTYYSETTV
TRTYVMLALVWGGALGLGLLPVLAWNCLDGLTTCGVVYPLSKNHLVVLAI
AFFMVFGIMLQLYAQICRIVCRHAQQIALQRHLLPASHYVATRKGIATLA
VVLGAFAACWLPFTVYCLLGDAHSPPLYTYLTLLPATYNSMINPIIYAFR
NQDVQKVLWAVCCCCSSSKIPFRSRSPSDV

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

GPR3

Full Name

G protein-coupled receptor 3

Introduction

This gene is a member of the G protein-coupled receptor family and is found in the cell membrane. G protein-coupled receptors, characterized by a seven transmembrane domain motif, are involved in translating outside signals into G protein mediated intracellular effects. The encoded protein activates adenylate cyclase and modulates amyloid-beta production in a mouse model, suggesting that it may play a role in Alzheimer's disease.

Alternative Names

ACCA; G-protein coupled receptor 3; ACCA orphan receptor; adenylate cyclase constitutive activator; GPR3; G protein-coupled receptor 3

Gene ID

2827

UniProt ID

P46089