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Product Information

MemDX™ Membrane Protein Human GPR68 (G protein-coupled receptor 68) Full Length

Cat. No.: **MPC0175K**
This product is for research use only and is not intended for diagnostic use.

This product is a 41 kDa Human GPR68 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
GPR68

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
41 kDa

TMD
7

Sequence
MGNITADNSSMSCTIDHTIHQTLAPVVYVTVLVVGFPANCLSLYFGYLQI
KARNELGVYLCNLTVADLFYICSLPFWLQYVLQHDNWSHGDLSCQVCGIL
LYENIYISVGFLCCISVDRYLAVAHPFRFHQFRTLKAAVGVSVVIWAKEL
LTSIYFLMHEEVIEDENQHRVCFEHYPIQAWQRAINYYRFLVGFLFPICL
LLASYQGILRAVRRSHGTQKSRKDQIQRLVLSTVVIFLACFLPYHVLLLV
RSVWEASCDFAKGVFNAYHFSLLLTSFNCVADPVLYCFVSETTHRDLARL
RGACLAFLTCSRTGRAREAYPLGAPEASGKSGAQGEEPELLTKLHPAFQT
PNSPGSGGFPTGRLA

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

GPR68

Full Name

G protein-coupled receptor 68

Introduction

The protein encoded by this gene is a G protein-coupled receptor for sphingosylphosphorylcholine. The encoded protein is a proton-sensing receptor, inactive at pH 7.8 but active at pH 6.8. Mutations in this gene are a cause of amelogenesis imperfecta.

Alternative Names

OGR1; AI2A6; GPR12A; ovarian cancer G-protein coupled receptor 1; ovarian cancer G protein-coupled receptor, 1; sphingosylphosphorylcholine receptor; GPR68; G protein-coupled receptor 68

Gene ID

8111

UniProt ID

Q15743

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