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Product Information

MemDX™ Membrane Protein Human GPR39 (G protein-coupled receptor 39) Full Length

Cat. No.: **MPC0163K**
This product is for research use only and is not intended for diagnostic use.

This product is a 51.3 kDa Human GPR39 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
GPR39

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
51.3 kDa

TMD
7

Sequence
MASPSLPGSDCSQIIDHSHVPEFEVATWIKITLILVYLIIFVMGLLGNSA
TIRVTQVLQKKGYLQKEVTDHMVSLACSDILVFLIGMPMEFYSIIWNPLT
TSSYTLSCKLHTFLFEACSYATLLHVLTLSFERYIAICHPFRYKAVSGPC
QVKLLIGFVWVTSALVALPLLFAMGTEYPLVNVPSHRGLTCNRSSTRHHE
QPETSNMSICTNLSSRWTVFQSSIFGAFVVYLVVLLSVAFMCWNMMQVLM
KSQKGSLAGGTRPPQLRKSESEESRTARRQTIIFLRLIVVTLAVCWMPNQ
IRRIMAAAKPKHDWTRSYFRAYMILLPFSETFFYLSSVINPLLYTVSSQQ
FRRVFVQVLCCRLSLQHANHEKRLRVHAHSTTDSARFVQRPLLFASRRQS
SARRTEKIFLSTFQSEAEPQSKSQSLSLESLEPNSGAKPANSAAENGFQE
HEV

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

GPR39

Full Name

G protein-coupled receptor 39

Introduction

This gene is a member of the ghrelin receptor family and encodes a rhodopsin-type G-protein-coupled receptor (GPCR). The encoded protein is involved in zinc-dependent signaling in epithelial tissue in intestines, prostate and salivary glands. The protein may also be involved in the pathophysiology of depression.

Alternative Names

G-protein coupled receptor 39; GPR39; G protein-coupled receptor 39

Gene ID

2863

UniProt ID

O43194

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