

Product Information

MemDX™ Membrane Protein Human GPR39 (G protein-coupled receptor 39) with GST-tag for Antibody Discovery

Cat. No.: **MP0463X**

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

This product is a 77.7 kDa Human GPR39 membrane protein expressed in *in vitro* wheat germ expression system. 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

Molecular Weight

77.7 kDa

TMD

7

Sequence

MASPSLPGSDCSQIIDHSHVPEFEVATWIKITLILVYLIIFVMGLLGNSATIRVTQVLQKKGYLQKEVTDHMOVSLACSDILVFLIGMPME

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

MGC149541; OTTHUMP00000162457

Gene ID

[2863](#)

UniProt ID

[O43194](#)