

Product Information

MemDX™ Membrane Protein Human GPR34 (G protein-coupled receptor 34) for Antibody

Discovery

Cat. No.: **MP0459X**

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

This product is a 70.3 kDa Human GPR34 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

GPR34

Protein Length

Full-length

Molecular Weight

70.3 kDa

TMD

7

Sequence

MRSHITITMTTTSVSSWPYSSHRMRFITNHSDQPPQNFSATPNVTTCPMDEKLLSTVLTTSSVIFIVGLVGNIIALYVFLGIHRKRNSI

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**

GPR34

Full Name

G protein-coupled receptor 34

Introduction

G protein-coupled receptors (GPCRs), such as GPR34, are integral membrane proteins containing 7 putative transmembrane domains (TMs). These proteins mediate signals to the interior of the cell via activation of heterotrimeric G proteins that in turn activate various effector proteins, ultimately resulting in a physiologic response

Alternative Names

LYPSR1

Gene ID

[2857](#)

UniProt ID

[Q9UPC5](#)