

Product Information

MemDX™ Membrane Protein Human GPR34 (G protein-coupled receptor 34) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3505K**

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

This product is a Human GPR34 membrane protein expressed *in vitro* *E.coli* 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

Protein Class

GPCR

TMD

7

Sequence

MRSHITITMTTTSVSSWPYSSHRMRFITNHSDQPPQNFSATPNVTTCPMDEKLLSTVLTTSSVIFIVGLVGNIIALYVFLGIHRKRNSI

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

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

GPR34; LYPSR1; probable G-protein coupled receptor 34; G protein-coupled receptor 34

Gene ID

[2857](#)

UniProt ID

[Q9UPC5](#)