

Product Information

MemDX™ Membrane Protein Human GPR174 (G protein-coupled receptor 174) Expressed in *vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3358K**

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

This product is a Human GPR174 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

GPR174

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MPANYTCTRPDGDNDFRYFIYAVTYTVILVPGLIGNILALWVFYGYMKETKRAVIFMINLAIADLLQVSLPLRIFYYLNHDWPFGPGI

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

GPR174

Full Name

G protein-coupled receptor 174

Introduction

This gene encodes a protein belonging to the G protein-coupled receptor superfamily. These proteins are characterized by the presence of seven alpha-helical transmembrane domains, and they activate or interact with various endogenous or exogenous ligands, including neurotransmitters, hormones, and odorant and taste substances. This family member is classified as an orphan receptor because the cognate ligand has not been identified.

Alternative Names

GPR174; FKSG79; GPCR17; LYPSR3; probable G-protein coupled receptor 174; G protein-coupled receptor 174

Gene ID

[84636](#)

UniProt ID

[Q9BXC1](#)