

## 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

MPANYTCTRPDGDNTDFRYFIYAVTYTVILVPGLIGNILALWVFYGYMKETKRAVIFMINLAIADLLQVLSPLRIFYYLNHDWPFPGGL

#### 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](#)