

# Product Information

## **MemDX™ Membrane Protein Human GPR139 (G protein-coupled receptor 139) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX3427K**

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

This product is a Human GPR139 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

GPR139

#### Protein Length

Full Length

#### Protein Class

GPCR

#### TMD

7

#### Sequence

MEHTHAHLAANSSLSWWSPGSACGLGFVPVYYSLLLCLGLPANILTVIILSQLVARRQKSSYNYLLALAAADILVLFFIVFVDFLLED

### 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

GPR139

#### Full Name

G protein-coupled receptor 139

#### Introduction

This gene encodes a member of the rhodopsin family of G-protein-coupled receptors. The encoded protein is almost exclusively expressed in the central nervous system. L-tryptophan and L-phenylalanine may act as the physiologic ligands of the encoded protein. Alternative splicing results in multiple transcript variants.

#### Alternative Names

GPR139; PGR3; GPRg1; probable G-protein coupled receptor 139; G protein-coupled receptor PGR3; g(q)-coupled orphan receptor GPRg1; G protein-coupled receptor 139

#### Gene ID

[124274](#)

#### UniProt ID

[Q6DWJ6](#)