

## Product Information

### MemDX™ Membrane Protein Human TAS2R39 (Taste 2 receptor member 39) Expressed in *vitro E.coli* expression system, Full Length

Cat. No.: **MPX3377K**

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

This product is a Human TAS2R39 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

TAS2R39

##### Protein Length

Full Length

##### Protein Class

GPCR

##### TMD

7

##### Sequence

MLGRCFPPDTKEKQQLRMTLCDPAESELSPFLITLILAVLLAELYLIGIIANGFIMAIHAAEWVQNKAVENTSGRILVFLSVSRIALQSLMM

#### 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**

TAS2R39

#### **Full Name**

Taste 2 receptor member 39

#### **Introduction**

The protein encoded by this gene is a bitter taste receptor that detects green tea catechins, soy isoflavones, and theaflavins. The encoded protein is gustducin-linked and may activate alpha gustducin. This gene is intronless.

#### **Alternative Names**

TAS2R39; T2R39; T2R57; taste receptor type 2 member 39; Taste 2 receptor member 39

#### **Gene ID**

[259285](#)

#### **UniProt ID**

[P59534](#)