

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

MLGRCFPDPTKEKQQLRMTKLCDPAESELSPFLITLILAVLLAEYLGIIANGFIMAIHAAEWVQNKAVSTSGRILVFLSVSRIALQSLM

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](#)