

Product Information

MemDX™ Membrane Protein Human TAS2R50 (Taste 2 receptor member 50) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2927K**

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

This product is a Human TAS2R50 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

TAS2R50

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MITFLYIFFSILIMVLFVLGNFANGFIALVNFIDWVKRKKISSADQILTALAVSRIGLLWALLLNWYLTVLNPAFYVELRITSYNWVVTN

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

TAS2R50

Full Name

Taste 2 receptor member 50

Introduction

TAS2R50 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of taste receptor cells and mediate the perception of bitterness through a G protein-coupled second messenger pathway.

Alternative Names

TAS2R50; T2R50; T2R51; TAS2R51; taste receptor type 2 member 50; Taste 2 receptor member 50

Gene ID

[259296](#)

UniProt ID

[P59544](#)