

Product Information

MemDX™ Membrane Protein Human TAS2R20 (Taste 2 receptor member 20) for Antibody

Discovery

Cat. No.: **MP1339X**

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

This product is a 61.6 kDa Human TAS2R20 membrane protein expressed in *In vitro* wheat germ 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

TAS2R20

Protein Length

Full-length

Molecular Weight

61.6 kDa

TMD

7

Sequence

MMSFLHIVFSILVVVAFILGNFANGFIALINFIWVKRQKISSADQIIAALAVSRVGLLWVILLHWYSTVLNPTSSNLKVIIFISNAWAVTN

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

TAS2R20

Full Name

Taste 2 receptor member 20

Introduction

This gene encodes a member of the taste receptor two family of class C G-protein coupled receptors. Receptors of this family have a short extracellular N-terminus, seven transmembrane helices, three extracellular loops and three intracellular loops, and an intracellular C-terminus. Members of this family are expressed in a subset of taste receptor cells, where they function in bitter taste reception, as well as in non-gustatory cells including those of the brain, reproductive organs, respiratory system, and gastrointestinal system. This gene maps to the taste receptor gene cluster on chromosome 12p13.

Alternative Names

taste 2 receptor member 20; taste receptor type 2 member 20; taste receptor type 2 member 56; taste receptor, type 2, member 49

Gene ID

[259295](#)

UniProt ID

[P59543](#)