

Product Information

MemDX™ Membrane Protein Human TAS2R5 (Taste 2 receptor member 5) for Antibody

Discovery

Cat. No.: **MP1340X**

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

This product is a 60.9 kDa Human TAS2R5 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

TAS2R5

Protein Length

Full-length

Molecular Weight

60.9 kDa

TMD

7

Sequence

MLSAGLGLLMLVAVVEFLIGLIGNGSLVVWSFREWIRKFNWSSYNLIILGLAGCRFLQWLILDLSLFPLFQSSRWLRYLSIFWVLVSO

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

TAS2R5

Full Name

Taste 2 receptor member 5

Introduction

This gene encodes a bitter taste receptor; bitter taste receptors are members of the G protein-coupled receptor superfamily and are specifically expressed by taste receptor cells of the tongue and palate epithelia. Each of these apparently intronless taste receptor genes encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes on chromosome 7 and is genetically linked to loci that influence bitter perception.

Alternative Names

T2R5; taste receptor type 2 member 5; taste receptor, type 2, member 5

Gene ID

[54429](#)

UniProt ID

[Q9NYW4](#)