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Product Information

MemDX™ Membrane Protein Human TAS2R3 (Taste 2 receptor member 3) for Antibody Discovery

Cat. No.: **MP1334X**
This product is for research use only and is not intended for diagnostic use.

This product is a 62.3 kDa Human TAS2R3 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
TAS2R3

Protein Length
Full-length

Molecular Weight
62.3 kDa

TMD
7

Sequence
MMGLTEGVFLILSGTQFTLGILVNCFIELVNGSSWFKTKRMSLSDFIITTLALLRIILLCIILTDSFLIEFSPNTHDSGIIMQIIDVSWTFTNH

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

TAS2R3

Full Name

Taste 2 receptor member 3

Introduction

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

Alternative Names

T2R3; taste receptor type 2 member 3; candidate taste receptor T2R3; taste receptor, type 2, member 3

Gene ID

50831

UniProt ID

Q9NYW6

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