

Product Information

MemDX™ Membrane Protein Human TAS2R1 (Taste 2 receptor member 1) Full Length

Cat. No.: **MPC0260K**

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

This product is a 34.3 kDa Human TAS2R1 membrane protein expressed in Baculovirus/Insect 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

TAS2R1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

34.3 kDa

TMD

7

Sequence

MLESHLIYFLLAVIQFLLGIFTNGIIVVNGIDLIKHRKMAPLDLLSC
LAVSRIFLQLFIFYVNVIVFFIEFIMCSANCAILLFINELELWLATWLG
VFYCAKVASVRHPLFIWLKMRISKLVPMILGSLLYVSMICVFHISKYAGF
MVPYFLRKFFSQNATIQKEDTLAIQIFSFAEFVPLLIPLFAVLLLIIFS
LGRHTRQMRNTVAGSRVPGRGAPISALLSILSFLILYFSHCMIKVFLSSL
KFHIRRFILFFILVIGIYPSGHSLLILGNPKLKQNAKKFLLHSKCCQ

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

TAS2R1

Full Name

Taste 2 receptor member 1

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. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil.

Alternative Names

T2R1; TRB7; taste receptor type 2 member 1; taste receptor, family B, member 7; taste receptor, type 2, member 1; TAS2R1; Taste 2 receptor member 1

Gene ID

[50834](#)

UniProt ID

[Q9NYW7](#)