

Product Information

MemDX™ Membrane Protein Human TAS2R5 (Taste 2 receptor member 5) Full Length

Cat. No.: **MPC0268K**

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

This product is a 34.5 kDa Human TAS2R5 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

TAS2R5

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

34.5 kDa

TMD

7

Sequence

MLSAGLGLLMLVAVVEFLIGLIGNGSLVVWSFREWIRKFNWSSYNLIILG
LAGCRFLQLWLIILDLFLPLFQSSRWLRYSIFWVLVSQASLWFATFLS
VFYCKKITTFDRPAYLWLKQRAYNLSLWCLLGYFIINLLTVQIGLTFYH
PPQGNSSIRYPFESWQYLYAFQLNSGSYLPLVVFLVSSGMLIVSLYTHHK
KMKVHSAGRDRVRAKAHITALKSLGCFLLHLLVYIMASPFISITSKTYPPD
LTSVFIWETLMAAYPSLHSLILIMGIPRVKQTCQKILWKTVCARRCWGP

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**

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; TAS2R5; Taste 2 receptor member 5

Gene ID

[54429](#)

UniProt ID

[Q9NYW4](#)