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Product Information

MemDX™ Membrane Protein Human TAS2R40 (Taste 2 receptor member 40) Full Length

Cat. No.: **MPC3172K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human TAS2R40 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
TAS2R40

Protein Length
Full length

Protein Class
GPCR

TMD
7

Sequence
MATVNTDATDKDISKFKVTFTLVVSGIECITGILGSGFITAIYGAEWARG
KTLPTGDRIMLMLSFSRLLLQIWMMLENIFSLLFRIVYNQNSVYILFKVI
TVFLNHSNLWFAAWLKVFYCLRIANFNHPLFFLMKRKIIVLMPWLLRLSV
LVSLSFSFPLSRDVFNVYVNSSIPIPSSNSTEKKYFSETNMVNLVFFYNM
GIFVPLIMFILAATLLILSLKRHTLHMGSNATGSRDPSMKAHIGAIKATS
YFLILYIFNAIALFLSTSNIFDTYSSWNILCKIIMAAYPAGHSVQLILGN
PGLRRAWKRFQHQVPLYLKGQTL

Product Description

Expression Systems
Baculovirus/Insect expression system

Tag
Based on specific requirements

Protein Format
Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TAS2R40

Full Name

Taste 2 receptor member 40

Introduction

This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. A decrease in the expression of this gene is associated with hypogeusia.

Alternative Names

TAS2R40; GPR60; T2R40; T2R58; taste receptor type 2 member 40; G-protein coupled receptor 60; taste receptor type 2 member 58; taste receptor, type 2, member 40; Taste 2 receptor member 40

Gene ID

259286

UniProt ID

P59535

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