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Product Information

MemDX™ Membrane Protein Human TAS2R4 (Taste 2 receptor member 4) Full Length

Cat. No.: **MPC3038K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human TAS2R4 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
TAS2R4

Protein Length
Full length

Protein Class
GPCR

TMD
7

Sequence
MLRLFYFSAIIASVILNFVGIIMNLFITVVNCKTWVKSHRISSSDRILFS
LGITRFLMLGLFLVNTIYFVSSNTERSVYLSAFFVLCFMFLDSSSVWFVT
LLNILYCVKITNFQHSVFLLLKRNISPKIPRLLLACVLISAFTTCLYITL
SQASPFPELVTTRNNTSFNISEGILSLVVSLVLSSSLQFIINVTSASLLI
HSLRRHIQKMQKNATGFWNPQTEAHVGAMKLMVYFLILYIPYSVATLVQY
LPFYAGMDMGTKSICLIFATLYSPGHSVLIIITHPKLKTTAKKILCFKK

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

TAS2R4

Full Name

Taste 2 receptor member 4

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 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

TAS2R4; T2R4; taste receptor type 2 member 4; candidate taste receptor T2R4; taste receptor, type 2, member 4; Taste 2 receptor member 4

Gene ID

50832

UniProt ID

Q9NYW5