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Product Information

Magic™ Membrane Protein Human TAS2R16 (Taste 2 receptor member 16) Expressed *in vitro E.coli* expression system, Full Length

{AlternativeNames}

Cat. No.: **MPX2915K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human TAS2R16 membrane protein expressed *in vitro E.coli* 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
TAS2R16

Protein Length
Full Length

Protein Class
GPCR

TMD
7

Sequence
MIPIQLTVFFMIIYVLESLTIIVQSSLIVAVLGREWLQVRRLMPVDMILISLGISRFCLQWASMLNNFCSY
FNLNYVLCNLTITWEFFNILTFWLNSLLTVFYCIKVSSFTHHIFLWLRWRILRLFPWILLGSLMITCVTI
IPSAIGNYIQIQLLTMEHLPRNSTVTDKLENFHQYQFQAHTVALVIPFILFLASTIFLMASLTKQIQHHS
TGHCNPSMKARFTALRSLAVLFIVFTSYFLTILITIIGTLFDKRCWLWVWEAFVYAFILMHSTSLMLSSP TLKRILKGKC

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

TAS2R16

Full Name

Taste 2 receptor member 16

Introduction

This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily. These family members are specifically expressed by taste receptor cells of the tongue and palate epithelia. Each of these apparently intronless genes encodes 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

TAS2R16; BGLPT; T2R16; taste receptor type 2 member 16; candidate taste receptor T2R16; taste receptor, type 2, member 16; Taste 2 receptor member 16

Gene ID

50833

UniProt ID

Q9NYV7

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