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Product Information

MemDX™ Membrane Protein Human TAS2R41 (Taste 2 receptor member 41) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2957K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human TAS2R41 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
TAS2R41

Protein Length
Full Length

Protein Class
GPCR

TMD
7

Sequence
MQAALTAFFVLLFSLLSLLGIAANGFIVLVLGREWLRYGRLLPLDMILISLGASRFCLQLVGTVHNFYYSAQKVEYSGGLGRQFFHLHW

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

TAS2R41

Full Name

Taste 2 receptor member 41

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. Chloramphenicol is an agonist for the encoded protein.

Alternative Names

TAS2R41; T2R41; T2R59; taste receptor type 2 member 41; Taste 2 receptor member 41

Gene ID

259287

UniProt ID

P59536

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