SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human TAS2R14 (Taste 2 receptor member 14) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX3228K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human TAS2R14 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
TAS2R14

Protein Length
Full Length

Protein Class
GPCR

TMD
7

Sequence
MGGVIKSIFTFVLIVEFIIGNLGNSFIALVNCIDWVKGRKISSVDRILTALAISRISLVWLIFGSWCVSVFFPALFATEKMFRMLTNIWTVIN

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

TAS2R14

Full Name

Taste 2 receptor member 14

Introduction

This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13.

Alternative Names

TAS2R14; TRB1; T2R14; taste receptor type 2 member 14; Taste 2 receptor member 14

Gene ID

50840

UniProt ID

Q9NYV8

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