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 TAS2R20 (Taste 2 receptor member 20) Full Length

Cat. No.: **MPC3211K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human TAS2R20 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**
TAS2R20

**Protein Length**
Full length

**Protein Class**
GPCR

**TMD**
7

**Sequence**
MMSFLHIVFSILVVVAFILGNFANGFIALINFIAWVKRQKISSADQIIAA
LAVSRVGLLWVILLHWYSTVLNPTSSNLKVIIFISNAWAVTNHFSIWLAT
SLSIFYLLKIVNFSRLIFHHLKRKAKSVVLVIVLGSLFFLVCHLVMKHTY
INVWTEECEGNVTWKIKLRNAMHLSNLTVAMLANLIPFTLTLISFLLLIY
SLCKHLKKMQLHGKGSQDPSTKIHIKALQTVTSFLILLAIYFLCLIISFW
NFKMRPKEIVLMLCQAFGIIYPSFHSFILIWGNKTLKQTFLSVLWQVTCW
AKGQNQSTP

## 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

TAS2R20

### Full Name

Taste 2 receptor member 20

### Introduction

This gene encodes a member of the taste receptor two family of class C G-protein coupled receptors. Receptors of this family have a short extracellular N-terminus, seven transmembrane helices, three extracellular loops and three intracellular loops, and an intracellular C-terminus. Members of this family are expressed in a subset of taste receptor cells, where they function in bitter taste reception, as well as in non-gustatory cells including those of the brain, reproductive organs, respiratory system, and gastrointestinal system. This gene maps to the taste receptor gene cluster on chromosome 12p13.

### Alternative Names

TAS2R20; T2R20; T2R49; T2R56; TAS2R49; taste receptor type 2 member 20; taste receptor type 2 member 56; taste receptor, type 2, member 49; Taste 2 receptor member 20

### Gene ID

259295

### UniProt ID

P59543