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Product Information

MemDX™ Membrane Protein Human TAS2R7 (Taste 2 receptor member 7) Full Length

Cat. No.: **MPC0271K**
This product is for research use only and is not intended for diagnostic use.

This product is a 36.5 kDa Human TAS2R7 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
TAS2R7

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
36.5 kDa

TMD
7

Sequence
MADKVQTTLLFLAVGEFSVGILGNAFIGLVNCMDWVKKRKIASIDLILTS
LAISRICLLCVILLDCFILVLYPDVYATGKEMRIIDFFWTLTNHLSIWFA
TCLSIYYFFKIGNFFHPLFLWMKWRIDRVISWILLGCVVLSVFISLPATE
NLNADFRFCVKAKRKTNLTWSCRVNKTQHASTKLFLNLATLLPFCVCLMS
FFLLILSLRRHIRRMQLSATGCRDPSTEAHVRALKAVISFLLLFIAYYLS
FLIATSSYFMPETELAVIFGESIALIYPSSHSFILILGNNKLRHASLKVI
WKVMSILKGRKFQQHKQI

Product Description

Expression Systems
Baculovirus/Insect expression system

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

TAS2R7

Full Name

Taste 2 receptor member 7

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

T2R7; TRB4; taste receptor type 2 member 7; taste receptor, family B, member 4; taste receptor, type 2, member 7; TAS2R7; Taste 2 receptor member 7

Gene ID

50837

UniProt ID

Q9NYW3