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Product Information

MemDX™ Membrane Protein Human TAS2R7 (Taste 2 receptor member 7) for Antibody Discovery

Cat. No.: **MP1342X**
This product is for research use only and is not intended for diagnostic use.

This product is a 62.9 kDa Human TAS2R7 membrane protein expressed in *In vitro* wheat germ 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

Molecular Weight
62.9 kDa

TMD
7

Sequence
MADKVQTTLLFLAVGEFSVGILGNAFIGLVNCMDWVKKRKIASIDLILTSLAISRICLLCVILLDCFILVLYPDVYATGKEMRIIDFFWTLT

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Protein Format
Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

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

Gene ID

50837

UniProt ID

Q9NYW3

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