

# 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

MADKVQTLLFLAVGEFSVGILGNAFIGLVN CMDWVKRKIASIDLITSLAISRICLLCVILLDCFILVLYPDVYATGKEMRIIDFFWTLT

### 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](#)