

Product Information

MemDX™ Membrane Protein Human TAS2R7 (Taste 2 receptor member 7) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3242K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human TAS2R7 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

TAS2R7

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MADKVQTLLFLAVGEFSVGILGNAFIGLVN CMDWVKKRKIASIDLITSLAISRICLLCVILLDCFILVLYPDVYATGKEMRIIDFFWTLT

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

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

TAS2R7; T2R7; TRB4; taste receptor type 2 member 7; Taste 2 receptor member 7

Gene ID

[50837](#)

UniProt ID

[Q9NYW3](#)