

# Product Information

## MemDX™ Membrane Protein Human TAS2R41 (Taste 2 receptor member 41) Full Length

Cat. No.: **MPC3173K**

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

This product is a made-to-order Human TAS2R41 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

TAS2R41

#### Protein Length

Full length

#### Protein Class

GPCR

#### TMD

7

#### Sequence

MQAALTAFFVLLFSLLSLLGIAANGFIVLVLGREWLRYGRLLPLDMILIS  
LGASRFCLQLVGTVHNFYSAQKVEYSGGLGRQFFHLHWHFLNSATFWFC  
SWLSVLFVCVKIANITHSTFLWLKWRFPGWVPWLLGSLISFIITLLFFW  
VNYPVYQEFLIRKFSGNMTYKWNTRIETYYFPSLKLVIWSIPFSVFLVSI  
MLLINSLRRHTQRMQHNHSLQDPSTQAHTRALKSLISFLILYALSFLSL  
IIDAAKFISMQNDFYWPWQIAVYLCISVHPFILIFS NLKLRSVFSQLLLL  
ARGFWVA

### 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

TAS2R41

#### Full Name

Taste 2 receptor member 41

#### Introduction

This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. Chloramphenicol is an agonist for the encoded protein.

#### Alternative Names

TAS2R41; T2R41; T2R59; taste receptor type 2 member 41; taste receptor type 2 member 59; taste receptor, type 2, member 41; Taste 2 receptor member 41

#### Gene ID

[259287](#)

#### UniProt ID

[P59536](#)