

# Product Information

## **MemDX™ Membrane Protein Human TAAR8 (Trace amine associated receptor 8) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX3385K**

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

This product is a Human TAAR8 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

TAAR8

#### Protein Length

Full Length

#### Protein Class

GPCR

#### TMD

7

#### Sequence

MTSNFSQPVVQLCYEDVNGSCIETPYSPGSRVILYTAFSFGSLLAVFGNLLVMTSVLHFKQLHSPTNFLIASLACADFLVGVTVMFLFS

### 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**

TAAR8

#### **Full Name**

Trace amine associated receptor 8

#### **Introduction**

This gene is part of the trace amine receptor cluster on chromosome 6 and encodes an orphan G-protein coupled receptor. Upregulated expression of this gene in astroglial cells upon exposure to lipopolysaccharides suggests a function for the encoded protein in the brain.

#### **Alternative Names**

TAAR8; TA5; TAR5; TRAR5; TaR-5; TaR-8; GPR102; G-protein coupled receptor 102; trace amine receptor 5; trace amine receptor 8; Trace amine associated receptor 8

#### **Gene ID**

[83551](#)

#### **UniProt ID**

[Q969N4](#)