

# Product Information

## MemDX™ Membrane Protein Human TAAR1 (Trace amine associated receptor 1) without tag for Antibody Discovery

Cat. No.: **MP1320X**

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

This product is a 39.1 kDa Human TAAR1 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

TAAR1

#### Protein Length

Full-length

#### Molecular Weight

39.1 kDa

#### TMD

7

#### Sequence

MMPFCHNIINISCVKNNWSNDVRASLYSLMVLIIILTTLVGNLIVIVSISHFKQLHTPTNWLHSMATVDFLLGCLVMPYSMVRS AEHCW

### Product Description

#### Application

Antibody Production

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

NO

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

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

**Target****Target Protein**

TAAR1

**Full Name**

Trace amine associated receptor 1

**Introduction**

The protein encoded by this gene is a G-protein coupled receptor activated by trace amines. The encoded protein responds little or not at all to dopamine, serotonin, epinephrine, or histamine, but responds well to beta-phenylethylamine, p-tyramine, octopamine, and tryptamine. While primarily functioning in neurologic systems, there is evidence that this gene is involved in blood cell and immunologic functions as well. This gene is thought to be intronless.

**Alternative Names**

TA1; TAR1; TRAR1; trace amine-associated receptor 1; trace amine receptor 1

**Gene ID**

[134864](#)

**UniProt ID**

[Q96RJ0](#)