

Product Information

MemDX™ Membrane Protein Human TAAR5 (Trace amine associated receptor 5) for

Antibody Discovery

Cat. No.: **MP1324X**

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

This product is a 64.6 kDa Human TAAR5 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

TAAR5

Protein Length

Full-length

Molecular Weight

64.6 kDa

TMD

7

Sequence

MRVFIQGAEEHPAAFCYQVNGSCPRTVHTLGIQLVIYLACAAGMLIIVLGNVFVAFVSYFKALHTPTNLLLLSLALANMFLGLLVLP

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

TAAR5

Full Name

Trace amine associated receptor 5

Introduction

Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase.

Alternative Names

PNR; trace amine-associated receptor 5; hTaar5; putative neurotransmitter receptor; taR-5; trace amine receptor 5

Gene ID

[9038](#)

UniProt ID

[Q14804](#)