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Product Information

MemDX™ Membrane Protein Human OR13C8 (Olfactory receptor family 13 subfamily C member 8) expressed by *in vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP0859X**
This product is for research use only and is not intended for diagnostic use.

This product is a 62.15 kDa Human OR13C8 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
OR13C8

Protein Length
Full-length

Molecular Weight
62.15 kDa

TMD
7

Sequence
MERTNDSTSTEFFLVGLSAHPKLQTVFFVLILWMYLMILLGNGVLISVIIFDSHLHTPMYFFLCNLSFLDVCYTSSSVPLILASFLAVKK

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

Form
Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

OR13C8

Full Name

Olfactory receptor family 13 subfamily C member 8

Introduction

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

Alternative Names

OR37H; OR9-10; olfactory receptor 13C8; olfactory receptor OR9-10 pseudogene

Gene ID

138802

UniProt ID

Q8NGS7

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