

Product Information

MemDX™ Membrane Protein Human VN1R1 (Vomeronasal 1 receptor 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3428K**

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

This product is a Human VN1R1 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

VN1R1

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MVGDTLKLSSPLMTRYFFLLFYSTDSSDLNENQHPLDFDEMAFGKVKSGISFLIQTGVGILGNSFLLCFYNLILFTGHKLRPTDLILSQL

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

VN1R1

Full Name

Vomeronasal 1 receptor 1

Introduction

Pheromones are chemical signals that elicit specific behavioral responses and physiologic alterations in recipients of the same species. The protein encoded by this gene is similar to pheromone receptors and is primarily localized to the olfactory mucosa. An alternate splice variant of this gene is thought to exist, but its full length nature has not been determined.

Alternative Names

VN1R1; V1RL1; ZVNH1; ZVNR1; VNR19I1; vomeronasal type-1 receptor 1; G-protein coupled receptor GPCR24; V1R-like 1; V1r-like receptor 1; V3r-related gene protein; hGPCR24; Vomeronasal 1 receptor 1

Gene ID

[57191](#)

UniProt ID

[Q9GZP7](#)