

Product Information

MemDX™ Membrane Protein Human VN1R1 (Vomeronasal 1 receptor 1) Full Length

Cat. No.: **MPC0276K**

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

This product is a 40 kDa Human VN1R1 membrane protein expressed in Baculovirus/Insect 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

Molecular Weight

40 kDa

TMD

7

Sequence

MVGDTLKLSSPLMTRYFFLLFYSTDSSDLNENQHPLDFDEMAFGKVKSIGI
SFLIQTGVGILGNSFLLCFYNLILFTGHKLRPTDLILSQLALANSMLVFF
KGIPQTMAAFGLKYLLNDTGCKFVFYYHRVGRVSLSTICLLNGFQAIKL
NPSICRWMEIKIRSPRFIDFCCLLCWAPHVLMNASVLLL VNGPLNSKNSS
AKNNYGYCSYKASKRFSSLHAVLYFSPDFMSLGFMVWASGSMVFFLYRHK
QQVQHNHNSNRLSCRPSQEARATHIMVLVSSFFVFYSVHSFLTITWTTVVA
NPGQWIVTNSVLVASCFFPARSPFVLIMSDTHISQFCFACRTRKTLFPNLV
VMP

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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 olfactory receptor chromosome 19 subtype I member 1; vomeronasal olfactory receptor, (chromosome 19) subtype I, member 1; VN1R1; Vomeronasal 1 receptor 1

Gene ID

[57191](#)

UniProt ID

[Q9GZP7](#)