

Datasheet for ABIN7596970

VN1R1 Protein (DYKDDDDK Tag, Strep Tag)



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Overview

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|-------------------------------|---|
| Quantity: | 10 µg |
| Target: | VN1R1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Synthetic Nanodisc |
| Purification tag / Conjugate: | This VN1R1 protein is labelled with DYKDDDDK Tag, Strep Tag. |
| Application: | ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM) |

Product Details

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| Purpose: | Human VN1R1-Strep full length protein-synthetic nanodisc |
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Target Details

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| Target: | VN1R1 |
| Alternative Name: | VN1R1 (VN1R1 Products) |
| Background: | <p>V1RL1, VNR19I1, ZVNH1, ZVNR1</p> <p>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.</p> <p>[provided by RefSeq, Jul 2008]</p> |

Target Details

Molecular Weight: The human full length VN1R1-Strep protein has a MW of 40 kDa

UniProt: [Q9GZP7](#)

Application Details

Comment: Advantages:

- Highly purified membrane proteins
- High solubility in aqueous solutions
- High stability
- Proteins are in a native membrane environment and remain biologically active
- No detergent and can be used for cell-based assays
- No MSP backbone proteins
- Mammalian cell expression system ensures post- translational modifications

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months