

Recombinant Human VN1R1 293 Cell Lysate

Cat. No. VN1R1-401HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for vomeronasal 1 receptor 1 (VN1R1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name VN1R1 vomeronasal 1 receptor 1 [Homo sapiens]

Official Symbol VN1R1

Synonyms VN1R1; vomeronasal 1 receptor 1; VNR19I1, vomeronasal olfactory receptor, (chromosome 19) subtype I, member 1; vomeronasal type-1 receptor 1; V1RL1; ZVNH1; ZVNR1; hGPCR24; V1R-like 1; V1r-like receptor 1; V3r-related gene protein; G-protein coupled receptor GPCR24; vomeronasal olfactory receptor chromosome 19 subtype I member 1; vomeronasal olfactory receptor, (chromosome 19) subtype I, member 1; VNR19I1;

Gene ID 57191

mRNA Refseq NM_020633

Protein Refseq NP_065684

MIM 605234

UniProt ID Q9GZP7

Chromosome Location 19q13.4

Pathway GPCRs, Other, organism-specific biosystem;

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