

PRODUCT INFORMATION

Target VIPR1

HVR1, II, PACAP-R-2, PACAP-R2, RDC1, V1RG, VAPC1, VIPR-1, VIPR, VIRG, VPAC1, VPAC1R,

VPCAP1R

DescriptionHuman VIPR1 full length protein-synthetic

nanodisc

Delivery 6~8weeks
Uniprot ID P32241
Expression Host HEK293

Protein Families GPCR, Transmembrane, Druggable Genome,

Protein Pathways GPCRDB Class B Secretin-like, Cancer,

Molecular Weight

The human full length VIPR1 protein has a MW of

51.5kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

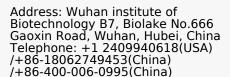
This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are

effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate cyclase. Several transcript variants encoding different isoforms have been found for this gene. [provided

by RefSeq, Oct 2011]

Usage Research use only

Background



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