

PRODUCT INFORMATION

VIPR1 **Target**

II; HVR1; RDC1; V1RG; VIPR; VIRG; VAPC1; VPAC1; **Synonyms** VPAC1R; VIP-R-1; VPCAP1R; PACAP-R2; PACAP-R-2

Recombinant human VIPR1 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock P32241 **Uniprot ID Expression Host** HFK293

Tag C-Human Fc tag

Molecular

Purity

Background

VIPR1(Ala31-Ser141) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 38.6 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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 Conjugate Unconjugated





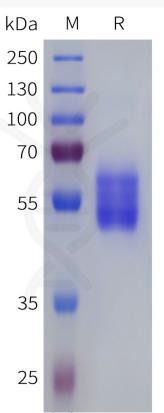


Figure 1. Human VIPR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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