PRODUCT INFORMATION

Target	VIPR1
Synonyms	II; HVR1; RDC1; V1RG; VIPR; VIRG; VAPC1; VPAC1; VPAC1R; VIP-R-1; VPCAP1R; PACAP-R2; PACAP-R-2
Description	Recombinant human VIPR1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P32241
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	VIPR1(Ala31-Ser141) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 38.6 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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

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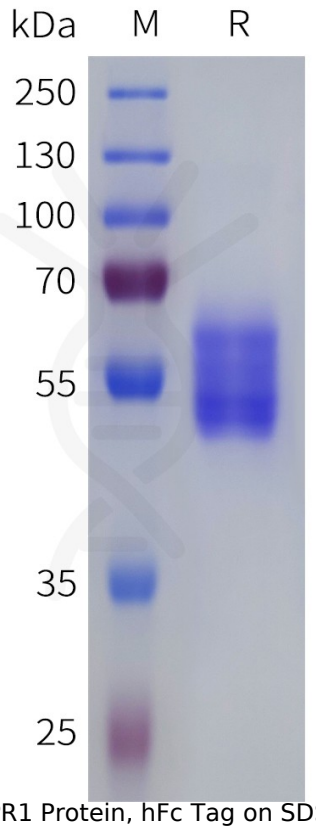


Figure 1. Human VIPR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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