

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	VIPR2
Synonyms	C16DUPq36.3, DUP7q36.3, PACAP-R-3, PACAP-R3, VIP-R-2, VPAC2, VPAC2R, VPCAP2R
Description	Human VIPR2 full length protein-synthetic nanodisc
Uniprot ID	P41587
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Class B Secretin-like,
Molecular Weight	The human full length VIPR2 protein has a MW of 49.5kDa
Delivery	6~8weeks
Formulation & Reconstitution	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 of reconstitution
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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. [provided by RefSeq, Aug 2011]
Usage	Research use only
Conjugate	Unconjugated

