Recombinant Human VIPR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VIPR2-2201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VIPR2 MS Standard C13 and N15-labeled recombinant protein (NP_003373) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	49.5 kDa
AA Sequence	MRTLLPPALLTCWLLAPVNSIHPECRFHLEIQEEETKCAELLRSQTEKHKACSGVWD NITCWRPANVGETVTVPCPKVFSNFYSKAGNISKNCTSDGWSETFPDFVDACGYSD PEDESKITFYILVKAIYTLGYSVSLMSLATGSIILCLFRKLHCTRNYIHLNLFLSFILRAIS VLVKDDVLYSSSGTLHCPDQPSSWVGCKLSLVFLQYCIMANFFWLLVEGLYLHTLLV AMLPPRRCFLAYLLIGWGLPTVCIGAWTAARLYLEDTGCWDTNDHSVPWWVIRIPILI SIIVNFVLFISIIRILLQKLTSPDVGGNDQSQYKRLAKSTLLLIPLFGVHYMVFAVFPISIS SKYQILFELCLGSFQGLVVAVLYCFLNSEVQCELKRKWRSRCPTPSASRDYRVCGS SFSRNGSEGALQFHRGSRAQSFLQTETSVITRTRPLEQKLISEEDLAANDILDYKDDD

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	VIPR2 vasoactive intestinal peptide receptor 2 [Homo sapiens (human)]
Official Symbol	VIPR2
Synonyms	VIPR2; vasoactive intestinal peptide receptor 2; vasoactive intestinal polypeptide receptor 2; VIP and PACAP receptor 2; VPAC2; VPAC2R; PACAP type III receptor; helodermin-preferring VIP receptor; pituitary adenylate cyclase-activating polypeptide type III receptor; VIP-R-2; VPCAP2R; PACAP-R3; DUP7q36.3; PACAP-R-3; C16DUPq36.3; FLJ16511;
Gene ID	7434
mRNA Refseq	NM_003382
Protein Refseq	NP_003373

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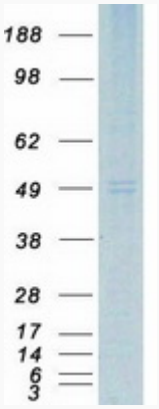
MIM	601970
UniProt ID	P41587
SDS-PAGE	

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