Recombinant Human VIPR1 cell lysate

Cat. No. VIPR1-1908HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	VIPR1 vasoactive intestinal peptide receptor 1 [Homo sapiens]
Official Symbol	VIPR1
Synonyms	VIPR1; vasoactive intestinal peptide receptor 1; vasoactive intestinal polypeptide receptor 1; HVR1; RDC1; VIP and PACAP receptor 1; VPAC1; VPAC1R; VIP receptor, type I; PACAP type II receptor; pituitary adenylate cyclase activating

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	polypeptide receptor, type II; II; V1RG; VIPR; VIRG; VAPC1; VIP-R-1; VPCAP1R; PACAP-R2; PACAP-R-2; FLJ41949;
Gene ID	7433
mRNA Refseq	NM_001251882
Protein Refseq	NP_001238811
MIM	192321
UniProt ID	P32241
Chromosome Location	3p22
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;
Function	receptor activity; signal transducer activity; vasoactive intestinal polypeptide receptor activity;

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