

Recombinant Human VIPR2, Fc-tagged

Cat. No. VIPR2-407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human VIPR2 (NP_003373.2) (Met1-Val126) was expressed with the Fc region of mouse IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Met1-Val126
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human VIPR2/mFc comprises 337 amino acids and has a predicted molecular mass of 38.1 kDa. The apparent molecular mass of the monomer is approximately 50.6 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name VIPR2 vasoactive intestinal peptide receptor 2 [Homo sapiens]

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

MIM 601970

UniProt ID P41587

Chromosome Location 7q36.3

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; Neuroactive ligand-receptor interaction, organism-specific biosystem;

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Function

G-protein coupled receptor activity; receptor activity; signal transducer activity; vasoactive intestinal polypeptide receptor activity;

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