

HDFP484

Product Information

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|---------------------|---------|-------------------------|------------|--------------|------|
| Product SKU: | HDFP484 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | VIPR2 | Tag: | C-Flag Tag | | |

Additional Information

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|--------------------------|---|--------------------|--------|
| Conjugate: | Unconjugated | Uniprot ID: | P41587 |
| Molecular Weight: | The human full length VIPR2 protein has a MW of 49.5kDa | | |

Protein Information

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]

Synonyms: C16DUPq36.3, DUP7q36.3, PACAP-R-3, PACAP-R3, VIP-R-2, VPAC2, VPAC2R, VPCAP2R

Protein Description: Human VIPR2 full length protein-synthetic nanodisc

Formulation: 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. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

Protein Pathways: GPCRDB Class B Secretin-like.

Protein Families: GPCR, Transmembrane, Druggable Genome.

Usage: Research use only

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.