

Recombinant Human VIP Protein (Tyr29-Pro165), His tagged

Cat. No. VIP-6564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VIP (Tyr29-Pro165) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr29-Pro165
Description	VIP, or vasoactive intestinal peptide, is a neuropeptide of 28 amino acid residues that belongs to a glucagon/secretin superfamily, and it exerts its actions through three G-protein-coupled receptors (PAC1, VPAC1, and VPAC2). VIP is synthesized by trophoblast cells; it regulates trophoblast cell function and interaction with the major immune cell populations present in the pregnant uterus.
Form	Lyophilized powder/frozen liquid
Molecular Mass	17.09 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	VIP vasoactive intestinal peptide [Homo sapiens (human)]
Official Symbol	VIP
Synonyms	VIP; vasoactive intestinal peptide; VIP peptides; PHM27; MGC13587;
Gene ID	7432
mRNA Refseq	NM_003381
Protein Refseq	NP_003372
MIM	192320
UniProt ID	P01282

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