

## Recombinant Human VIP protein(Met1-Lys169), His-tagged

**Cat. No.** VIP-376H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VIP (P01282-2) (Met1-Lys169) with a C-terminal polyhistidine tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys169
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human VIP comprises 160 amino acids and has a predicted molecular mass of 18.3 kDa. The apparent molecular mass of the protein is approximately 25, 21 and 15 kDa in SDS-PAGE under reducing conditions
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

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

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