

Recombinant Human VIP protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human VIP protein(P01282-2) (Met1-Lys169) with a C-terminal polyhistidine tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-169 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	(38.2+8+44.3) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	VIP vasoactive intestinal peptide [Homo sapiens]
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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