

Active Recombinant Full Length Human VIP Protein

Cat. No. VIP-544HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human VIP isoform 2 with a proprietary tag: predicted molecular weight 44.66 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	169 amino acids
Description	The protein encoded by this gene belongs to the glucagon family. It stimulates myocardial contractility, causes vasodilation, increases glycogenolysis, lowers arterial blood pressure and relaxes the smooth muscle of trachea, stomach and gall bladder. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
Form	Liquid
Bio-activity	Useful for Antibody Production and Protein Array
Molecular Mass	44.660kDa inclusive of tags
AA Sequence	MDTRNKAQLL VLLTLLSVLF SQTSAWPLYR APSALRLGDR IPFEGANEPD QVSLKEDIDM LQNALAENDT PYYDVSRNAR HADGVFTSDF SKLLGQLSAK KYLESLMGKR VSNISED PVP VKRHSDAVFT DNYTRLRKQM AVKKYLNSIL NGKRSSEGES PDFPEELEK

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

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

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