

Vasoactive Intestinal Peptide (VIP) Recombinant Protein | VIP recombinant protein

Recombinant Vasoactive Intestinal Peptide (VIP)

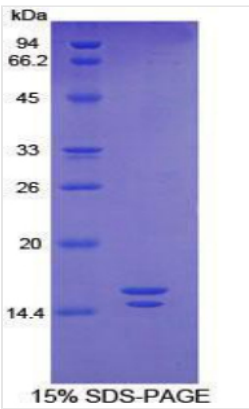
CATALOG # AAA135576	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Vasoactive Intestinal Peptide (VIP); Recombinant Vasoactive Intestinal Peptide (VIP); VIP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	YRAPSAALRLG DRIPFEGANE PDQVSLKEDI DMLQNALAEN DTPYYDVSRN ARHADGVFTS DFSKLLGQLS AKKYLESLMG KRVSSNISED PVPVKRHSDA VFTDNYTRLR QQMAVKKYLN SILNGKRSSE GESPDFF
Applicable Applications for VIP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Tyr29~Pro165
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507897
NCBI GeneID	7432
NCBI Accession #	NP_003372.1
NCBI GenBank Nucleotide #	NM_003381.3
UniProt Accession #	P01282; Q5TCY8; Q5TCY9; Q96QK3
Molecular Weight	Predicted Molecular Mass: 16.6kDa Accurate Molecular Mass: 15/16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	VIP peptides isoform 1 preproprotein
NCBI Official Synonym Full Names	vasoactive intestinal peptide
NCBI Official Symbol	VIP
NCBI Official Synonym Symbols	PHM27
NCBI Protein Information	VIP peptides; prepro-VIP
UniProt Protein Name	VIP peptides
UniProt Gene Name	VIP
UniProt Synonym Gene Names	VIP
UniProt Entry Name	VIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vip-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135576>