

Prepro VIP (81-122), human
Synthetic Peptide
Catalog # SP2796b**Specification**

Prepro VIP (81-122), human - Product InformationPrimary Accession
Sequence[P01282](#)
NH2-HADGVFTSDFSKLLGQLSAKKYLESLMGK
RVSSNISEDPPVPV-COOH**Prepro VIP (81-122), human - Additional Information****Gene ID** 7432**Other Names**

VIP peptides, Intestinal peptide PHV-42, Peptide histidine valine 42, Intestinal peptide PHM-27, Peptide histidine methioninamide 27, Vasoactive intestinal peptide, VIP, Vasoactive intestinal polypeptide, VIP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Prepro VIP (81-122), human - Protein Information**Name** VIP ([HGNC:12693](#))**Function**

[Vasoactive intestinal peptide]: VIP is a neuropeptide involved in a diverse array of physiological processes through activating the PACAP subfamily of class B1 G protein-coupled receptors: VIP receptor 1 (VPR1) and VIP receptor 2 (VPR2) (PubMed:1318039, PubMed:36385145, PubMed:8933357). Abundantly expressed throughout the CNS and peripheral nervous systems where they primarily exert neuroprotective and immune modulatory roles (PubMed:3456568). Also causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder (PubMed:15013843).

Cellular Location

Secreted.

Prepro VIP (81-122), human - Images