

Prepro VIP/PHM (156-170)
Synthetic Peptide
Catalog # SP3150b**Specification**

Prepro VIP/PHM (156-170) - Product Information

Primary Accession [P01282](#)
Sequence **NH2-SSEGESPDFPEELEK-COOH**

Prepro VIP/PHM (156-170) - 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/PHM (156-170) - 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/PHM (156-170) - Images