

VIP (1-12), human, porcine, rat, ovine
Synthetic Peptide
Catalog # SP2824a**Specification**

VIP (1-12), human, porcine, rat, ovine - Product Information

Primary Accession [P84488](#)
Other Accession [P63290](#), [P63291](#), [P63289](#), [P32649](#), [P01284](#)
Sequence [NH2-HSDAVFTDNYTR-CONH2](#)

VIP (1-12), human, porcine, rat, ovine - Additional Information**Other Names**

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.

VIP (1-12), human, porcine, rat, ovine - Protein Information**Name** VIP**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). Abundantly expressed throughout the CNS and peripheral nervous systems where they primarily exert neuroprotective and immune modulatory roles (By similarity). Also causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder (By similarity).

Cellular Location

Secreted.

VIP (1-12), human, porcine, rat, ovine - Images