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PACAP-Related Peptide (PRP), rat

Synthetic Peptide
Catalog # SP2623a

Specification

PACAP-Related Peptide (PRP), rat - Product Information

Primary Accession	P13589
Sequence	NH2-DVAHEILNEAYRKVLDQLSARKYLQSMVA-CONH2

PACAP-Related Peptide (PRP), rat - Additional Information

Gene ID 24166

Other Names
Pituitary adenylate cyclase-activating polypeptide, PACAP, PACAP-related peptide, PRP-48, Pituitary adenylate cyclase-activating polypeptide 27, PACAP-27, PACAP27, Pituitary adenylate cyclase-activating polypeptide 38, PACAP-38, PACAP38, Adcyap1

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.

PACAP-Related Peptide (PRP), rat - Protein Information

Name Adcyap1

Function
Binding to its receptor activates G proteins and stimulates adenylate cyclase in pituitary cells (By similarity). Promotes neuron projection development through the RAPGEF2/Rap1/B-Raf/ERK pathway. In chromaffin cells, induces long-lasting increase of intracellular calcium concentrations and neuroendocrine secretion (PubMed:18198219). Involved in the control of glucose homeostasis, induces insulin secretion by pancreatic beta cells (By similarity).

Cellular Location
Secreted.

PACAP-Related Peptide (PRP), rat - Images