

PACAP-38 (16-38), human, ovine, rat
Synthetic Peptide
Catalog # SP3000a**Specification**

PACAP-38 (16-38), human, ovine, rat - Product Information

Primary Accession	O70176
Other Accession	P13589 , P41534 , Q29W19 , P18509 , P41535
Sequence	NH2-QMAVKKYLA AVLGLGKRYKQRVKNK-CONH 2

PACAP-38 (16-38), human, ovine, rat - Additional Information**Gene ID** 11516**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, Pacap

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-38 (16-38), human, ovine, rat - Protein Information**Name** Adcyap1**Synonyms** Pacap**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 (By similarity). In chromaffin cells, induces long-lasting increase of intracellular calcium concentrations and neuroendocrine secretion (By similarity). Involved in the control of glucose homeostasis, induces insulin secretion by pancreatic beta cells (PubMed:23913443).

Cellular Location

Secreted.

PACAP-38 (16-38), human, ovine, rat - Images

