

## PACAP (1-27), Human, Ovine, Rat

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PACAP-38 and its N-terminal fragment PACAP-27 are neuropeptides originally isolated from ovine hypothalamus, but also found in humans and rats. Both PACAP-27, which shows considerable homology with vasoactive intestinal polypeptide (VIP), and PACAP-38 stimulate adenylate cyclase much more potently than VIP. Specific PACAP receptors have been identified in different tissues and cell lines. Kojro et al. observed that the PAC1 agonists PACAP-27 and PACAP-38 strongly increased the activity of  $\beta$ -secretase, thus promoting the non-amyloidogenic processing of amyloid precursor protein.

Catalog No.	5991369
Size	
Product Category	Catalog Peptide
Sequence	H-His-Ser-Asp-Gly-Ile-Phe-Thr-Asp-Ser-Tyr-Ser-Arg-Tyr-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Ala-Ala-Val-Leu-NH <sub>2</sub>
CAS No.	127317-03-7
Mol. Formula	C <sub>142</sub> H <sub>224</sub> N <sub>40</sub> O <sub>39</sub> S
Mol. Weight	3147.68
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs