

## PACAP (1-38), Human, Ovine, Rat

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Kojro et al. observed that the PAC1 agonists PACAP-27 and PACAP-38 strongly increased the activity of  $\gamma$ -secretase. Upregulation of this APP-degrading enzyme promotes the non-amyloidogenic processing of APP, i.e. reduces the production of A $\beta$ 40/42, and thus may help to prevent Alzheimer's disease. Nasally applied PACAP-38 in APP[V717I]-transgenic mice additionally enhanced the production of the A $\beta$ -degrading enzyme neprilysin via induction of somatostatin.

Catalog No.	5991370
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-Gly-Lys-Arg-Tyr-Lys-Gln-Arg-Val-Lys-Asn-Lys-NH <sub>2</sub>
CAS No.	124123-15-5
Mol. Formula	C <sub>203</sub> H <sub>331</sub> N <sub>63</sub> O <sub>53</sub> S
Mol. Weight	4534.36
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs