

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

Catalog #	Source	Reactivity	Applications
CCP1370	Synthetic		
<b>Description</b>	Peptide to PACAP (1-38), Human, Ovine, Rat		
<b>Biological Description</b>	Kojro et al. observed that the PAC1 agonists PACAP-27 and PACAP-38 strongly increased the activity of $\alpha$ -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		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	124123-15-5		
<b>Molecular Formula</b>	C203H331N63O53S		
<b>Molecular Weight</b>	4534.36		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	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>		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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