

[Phe17]-Apelin 17

Apelin-17 is an endogenous ligand of the human orphan G protein-coupled receptor APJ, reported to act as a coreceptor of CD4 for human and simian immunodeficiency viruses. Apelin-17 and apelin-13 represent the predominant molecular forms of apelin present in the whole brain, hypothalamus, and plasma. Like apelin-13, apelin-17 exhibited a high activity on extracellular acidification rate and strongly inhibited forskolin-stimulated cAMP production in CHO cells expressing the human or the rat apelin receptor. The peptide might play a crucial role in the maintenance of body fluid homeostasis by counteracting AVP (arginine vasopressin) actions through inhibition of AVP neuron activity and AVP release.

Catalog No.	5991738
Size	
Product Category	Catalog Peptide
Sequence	Lys-Phe-Arg-Arg-Gln-Arg-Pro-Arg-Leu-Ser-His-Lys-Gly-Pro-Met-Pro-Phe
CAS No.	217082-57-0
Mol. Formula	C ₉₆ H ₁₅₆ N ₃₄ O ₂₀ S
Mol. Weight	2138.59
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs