

Prosomatostatin (1-32), porcine

Cat. No.:	HY-P3956
CAS No.:	99694-34-5
Molecular Formula:	C ₁₆₁ H ₂₆₀ N ₄₄ O ₄₅
Molecular Weight:	3532.05
Sequence Shortening:	APSDPRLRQFLQKSLAAAAGKQELAKYFLAEL
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Prosomatostatin (1-32), porcine is a peptide with sequences overlapping, but not identical to, the neuronostatin peptide ^[1] .
In Vitro	Prosomatostatin from porcine, containing 13 residues, has been demonstrated as neuronostatin peptide. Neuronostatin induces c-Fos expression in gastrointestinal tissues, anterior pituitary, cerebellum, and hippocampus. Moreover, neuronostatin promotes the migration of cerebellar granule cells and elicited direct depolarizing actions on paraventricular neurons in hypothalamic slices ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Samson WK, et al. Neuronostatin encoded by the somatostatin gene regulates neuronal, cardiovascular, and metabolic functions. J Biol Chem. 2008 Nov 14;283(46):31949-59.

Caution: Product has not been fully validated for medical applications. For research use only.

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