

Prepro-ANF (56-92), human

Cat. No.:	HY-P3769
CAS No.:	112199-06-1
Molecular Formula:	C ₁₇₃ H ₂₇₀ N ₄₄ O ₅₇
Molecular Weight:	3878.26
Sequence Shortening:	EVPPQVLSEPNEEAGAALSPLPEVPPWTGEVSPAQR
Target:	Guanylate Cyclase
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Prepro-ANF (56-92), human is a human atrial natriuretic factor precursor. Prepro-ANF (56-92), human is also a guanylate cyclase activator that enhances particulate guanylate cyclase activity in the renal membrane and renal unit ^[1] .
In Vitro	Prepro-ANF (56-92), human (1 μM; 10 min) enhances particulate guanylate cyclase from 105,000 g whole kidney homogenates, renal cortical and medullary membranes, and in the isolated distal nephrons ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Vesely DL, et al. Human prepro atrial natriuretic factors 26-55, 56-92, and 104-123 increase renal guanylate cyclase activity. *Biochem Biophys Res Commun*. 1987 Feb 27;143(1):186-93.

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

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