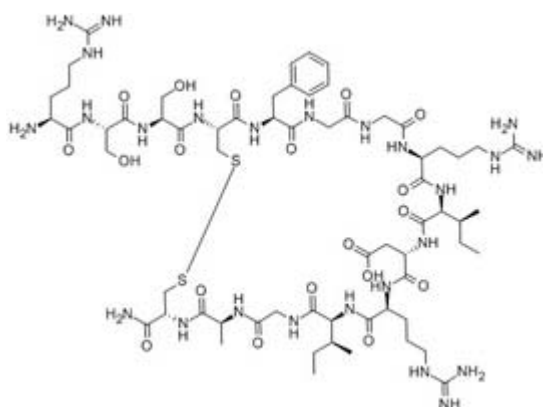


[Cys18]-Atrial Natriuretic Factor (4-18) amide (Rat)

Catalog #	Source	Reactivity	Applications
CCP1680	Synthetic		
Description	Peptide to [Cys18]-Atrial Natriuretic Factor (4-18) amide (Rat)		
Biological Description	C-ANF 4-23 binds with high affinity to approximately 99% of ANF receptors in the isolated perfused rat kidney. It competes effectively with biologically active atrial peptides for binding sites but is devoid of agonist or antagonist action on the generation of cGMP in vascular smooth muscle and endothelial cells in culture.		
Form	Lyophilized powder		
CAS Number	111863-73-1		
Molecular Formula	C64H107N25O19S2		
Molecular Weight	1594.90		
Purity	> 95%		
Chemical Structure	Arg - Ser - Ser - Cys - Phe - Gly - Gly - Arg - Ile - Asp - Arg - Ile - Gly - Ala - Cys - NH ₂ (Disulfide bridge Cys7 - Cys18)		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

Structure



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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Product Data Sheet

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