

Rev01
Update: Dec,28,2022

DATASHEET

C-Type Natriuretic Peptide (CNP) (1-22), human

Cat. No.: RP11110

Overview

Synonyms	CNP (1-22), humanCNP
Description	C-type natriuretic peptide is produced in the hypothalamus, anterior pituitary, and most major endocrine glands. C-type natriuretic peptide has potent venodilatory and coronary vasodilatory effects, but minimal effects on renal function.
Cas No	127869-51-6
Sequence	{GLY}{LEU}{SER}{LYS}{GLY}{CYS}{PHE}{GLY}{LEU}{LYS}{LEU}{ASP}{ARG}{ILE}{GLY}{SER}{MET}{SER}{GLY}{LEU}{GLY}{CYS}
Sequence Shortening	GLSKGCFGLKLD RIGSMSGLGC
Molecular Formula	C ₉₃ H ₁₅₇ N ₂₇ O ₂₈ S ₃
Disulfide Bridge	Cys6-Cys22
Molecular Weight	2197.6

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	Store at -20°C.
Note	Pharmacological spectrum similar to ANP and BNP.