Rev05
Update: May,23,2022

DATASHEET

Brain Natriuretic Peptide (BNP) (1-32), human

Cat. No.: RP11119

Overview

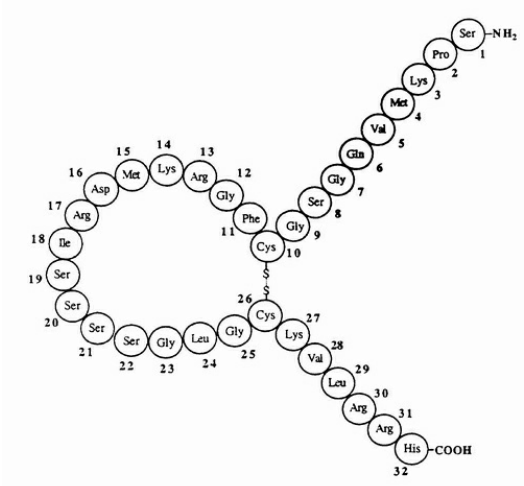
Synonyms	Brain Natriuretic Peptide(1-32), human
Description	Brain natriuretic peptide (type B natriuretic peptide, BNP) was originally isolated from brain, but is mainly produced in myoendocrine cells of the heart ventricles from which it is released into the circulatory system. BNP is involved in blood pressure control and cardiovascular homeostasis.
Cas No	114471-18-0
Sequence	{SER}{PRO}{LYS}{MET}{VAL}{GLN}{GLY}{SER}{GLY}{CYS}{PHE}{GLY}{ARG}{LYS}{MET}{ASP}{ARG}{ILE}{SER}{SER}{SER}{SER}{GLY}{LEU}{GLY}{CYS}{LYS}{VAL}{LEU}{ARG}{ARG}{HIS}
Sequence Shortening	SPKMVQGSGCFGRKMDRISSSSGLGCKVLRRH (Disulfide bridge: 10-26)
Molecular Formula	$C_{143}H_{244}N_{50}O_{42}S_4$
Disulfide Bridge	Cys10-Cys26
Molecular Weight	3464.1

Properties

Purity	> 95%
Solubility	The peptide is 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 weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C. Use recommended within 6 months.

Examples

GenScript USA, Inc.
860 Centennial Ave. Piscataway, NJ 08854
Tel: 1-732-885-9188



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