
Product Data Sheet

Product Name: BNP Human
Cat. No.: GP20122
Batch No.: 1

Product Data

Purity	>98%	Source
Physical Appearance	solid	Shipping Condition Shipped at Room temp.
Synonyms	NPPB; Natriuretic Peptide Precursor B; BNP; B-type Natriuretic Peptide.	
Amino Acid Sequence	SPKMQGSGCFGRKMDRISSSSGLGCKVLRH.	
Solubility	It is recommended to reconstitute the lyophilized B-type Natriuretic Peptide in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.	
Formulation	The protein was lyophilized without additives.	

Introduction

Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is thought to play a key role in cardiovascular homeostasis. Helps restore the body's salt and water balance. Improves heart function.

Stability

Lyophilized B-type Natriuretic Peptide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution B-type Natriuretic Peptide should be stored at 4°C between 2-7 days and for future use below -18°C .For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Background

B-type Natriuretic Peptide Human is a polypeptide chain containing 32 amino acids and having a molecular mass of 3464 Dalton. The molecular formula is:C₁₄₃H₂₄₄N₅₀O₄₂S₄.

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

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