

32-1100: BNP Protein

Alternative Name : NPPB,Natriuretic Peptide Precursor B,BNP,B-type Natriuretic Peptide.

Description

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. 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.

Product Info

Amount :	25mg
Purification :	Greater than 95.0% as determined by RP-HPLC.
Content :	The protein was lyophilized without additives.
Storage condition :	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.
Amino Acid :	SPKMQGSGCFGRKMDRISSSSGLGCKVLRH.

Application Note

It is recommended to reconstitute the lyophilized B-type Natriuretic Peptide in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

