9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

BNP Human

B-type Natriuretic Peptide Human
CYK0099

Product Overview

Name	BNP Human
Description	
B-type Natriuretic Peptide Human	
Accession (Primary)	P16860
Synonyms	
NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide.	
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.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The protein was lyophilized without additives.	
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.	
Purity	
Greater than 95.0% as determined by RP-HPLC.	
Amino acid sequence	
SPKMVQGSGCFGRKMDRISSSSGLGCKVLRRH.	
Solubility	
It is recommended to reconstitute the lyophilized B-type Natriuretic Peptide in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.	
Precautions	
BNP Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P16860)