

NPPB

Recombinant Human Natriuretic Peptide Precursor B

Catalog No.	CRB702B CRB702C	Quantity:	100 µg 500 µg
Alternate Names:	BNP brain type natriuretic peptide, natriuretic protein		
Description:	Recombinant Human BNP is a single non-glycosylated polypeptide chain containing 32 amino acids. Natriuretic Peptide Precursor B (BNP) 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.		
Gene ID:	4879		
Source:	<i>E. coli</i>		
Molecular Weight:	3.5 kDa		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.		
Purity:	>97% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	Less than 0.1 ng/µg (IEU/µg) of Human BNP determined by LAL method.		
Biological Activity:	Data not available.		
Amino Acid Sequence:	SPKMQGSGC FGRKMDRISS SSGLGCKVLR RH		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

