

NPPB

Recombinant Human Natriuretic Peptide Precursor B/BNP Precursor

Catalog No.	CSI20307A	Quantity:	100 µg
	CSI20307B		500 µg

Alternate Names: B-type natriuretic peptide precursor, Pro-BNP, proBNP, BNP, NPPB

Description: Recombinant Natriuretic Peptide Precursor Peptide B (proBNP) is a 29 amino acid hormone released from the ventricles and acting as an arterial vasodilator and a renin inhibitor. It is a new class of cardiac marker specifically indicating congestive heart failure (CHF). Measurement of plasma levels is particularly useful as a marker of left ventricular failure (LVF). The 39 amino acid prohormone proBNP offered here, is claimed to be a more sensitive marker showing a greater and faster plasma rise than BNP itself following LV.

108 amino acid for the full length proBNP and 3 additional amino acids introduced as part of the expression system.

Gene ID: 4879

Source: *E. coli*

Formulation: Lyophilized in ammonium bicarbonate buffer

Purity: >80%

Endotoxin Level: < 0.1 ng/µg of protein.

Amino Acid Sequence: GRAPLGSPGS ASDLETSGLQ EQRNHLQGKL SELQVEQTSL EPLQESPRPT
GVWKSREVAT EGIRGHRKMV LYTLRAPRSP KMQVQSCCFG RKMDRISSSS
GLGCKVLRRH M

Storage & Stability: Store at -20°C. **Avoid repeated freeze-thaw cycles.**

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

