

# Human BNP Recombinant Protein



RPPB0121

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## Product Information    Protein Information

**Product SKU:**

RPPB0121

**Accession:**

P16860

**Protein 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: C<sub>143</sub>H<sub>244</sub>N<sub>50</sub>O<sub>42</sub>S<sub>4</sub>.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide.

**Formulation:**

The protein was lyophilized without additives.

**Purity:**

Greater than 95.0% as determined by RP-HPLC.

**Solubility:**

It is recommended to reconstitute the lyophilized B-type Natriuretic Peptide in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**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.

**Amino Acid Sequence:**

SPKMVQSGGCFGRKMDRISSSSGLGCKVLRH.