

# Human BNP (27-102) Recombinant Protein



RPPB0115

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## Product Information    Protein Information

**Product SKU:**

RPPB0115

**Accession:**

P16860

**Host:**

Escherichia Coli.

**Protein description:**

BNP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 27-102) containing 83 amino acids including a 7 a.a N-terminal His tag. The total molecular mass is 9.4kDa (calculated).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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

**Formulation:**

BNP filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20 mM Tris buffer and 50 mM NaCl, pH 7.5.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. BNP is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHPL GSPGSASDLE TSGLQEQRNH LQGKLSLQV EQTSLEPLQE SPRPTGVVKS REVATEGIRG HRKMVLYTLR APR.