

Human BNP Recombinant Protein



RPPB0113

Product Information Protein Information

Product SKU:

RPPB0113

Accession:

P16860

Host:

Escherichia Coli.

Protein description:

B-type Natriuretic Peptide Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 32 amino acids and having a molecular mass of 3464 Dalton. NPPB is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

Natriuretic Peptide Precursor B was lyophilized from 0.4ml PBS buffer containing 20mM phosphate buffer and 0.6mM sodium chloride.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized B-type Natriuretic Peptide in sterile 18MΩ-cm H₂O 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 NPPB 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:

SPKMOVQSGCFGRKMDRISSSSGLGCKVLRH.