

Human NT-proBNP Recombinant Protein



RPPB0116

Product Information Protein Information

Product SKU:

RPPB0116

Accession:

P16860

Host:

Escherichia Coli.

Protein description:

NT-Pro-B-type Natriuretic Protein Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 76 amino acid and having a molecular mass of approximately 8.5kDa. NT-proBNP 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:

Lyophilized from a 0.2µm filtered concentrated solution in 20mM Tris-HCl, pH 8.0 and 150mM NaCl.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized NT-Pro-B-type Natriuretic Protein in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized NT-proBNP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NT-Pro-B-type Natriuretic Protein should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

HPLGSPGSAS DLETSGLQEQ RNHLQGKLSL LQVEQTSLEP LQESPRPTGV WKSREVATEG IRGHRKMLVY TLRAPR.