



Human B-Type Natriuretic Protein (BNP)

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	1215.950.002		
10 µg	1215.950.010		
1 mg	1215.950.199		

Please enquire for bulk quantities and other vial sizes.

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.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Natriuretic Peptide Precursor B was lyophilized from 0.4 ml PBS buffer containing 20mM phosphate buffer and 0.6 mM sodium chloride*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. **Do not vortex.**

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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

SPKMQGSGC FGRKMDRISS SSGLGCKVLR RH

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.