



## Product Datasheet

<b>Product Name</b>	B-type Natriuretic Peptide Human
<b>Cata No</b>	CB500271
<b>Source</b>	
<b>Synonyms</b>	NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide.

### Description

Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is thought to play a key role in cardiovascular homeostasis. Helps restore the body's salt and water balance. Improves heart function.

B-type Natriuretic Peptide Human is a polypeptide chain containing 32 amino acids and having a molecular mass of 3464 kDa.

### Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

### Purity

Greater than 98.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

### Formulation

The protein was lyophilized without additives.

### 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.**

### Sequence

SPKMQGSGCFGRKMDRISSSSGLGCKVLRHH-OH