

## BNP Human, His

**Description:** B-type Natriuretic Peptide Recombinant Human produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 129 amino acids and having a molecular mass of 14 kDa. NPPB is purified by proprietary chromatographic techniques.

**Catalog #:** CYP5-612

For research use only.

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

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MHPLGSPGSA SDLETSGLQE  
QRNHLQGKLSLQVEQTSLE PLQESPRPTG VWKSREVATE GIRGHRKMVL YTLRAPRSPK  
MVQSGGCFGR KMDRISSSSG LGCKVLRRH.

**Purity:** Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

Natriuretic Peptide Precursor B 1mg/ml is formulated with 1X PBS pH-7.4 and 20% glycerol.

**Stability:**

BNP although stable 4°C for 4 weeks, should be stored desiccated 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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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.

**To place an order, please [Click HERE](#).**