

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
MVQSGSGCFGR 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.

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