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BNP (27-102) Human

B-type Natriuretic Protein (27-102 a.a.) Human Recombinant
CYK0098

Product Overview

Name	BNP (27-102) Human

Description

B-type Natriuretic Protein (27-102 a.a.) Human Recombinant

Accession (Primary)	P16860

Synonyms

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

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.

Source

Escherichia Coli.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

BNP filtered (0.4 μm) and lyophilized from 0.5mg/ml in 20 mM Tris buffer and 50 mM NaCl, pH 7.5.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MKHHHHH HPL GSPGSASDLE TSGLQEQRNH LQGKLSELQV EQTSLEPLQE SPRPTGVWKS REVATEGIRG HRKMVLYTLR APR.

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. BNP is not sterile! Please filter the product by an appropriate sterile filter before

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using it in the cell culture.

Precautions

BNP (27-102) Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16860)