
Product Data Sheet

Product Name: BNP Human, His
 Cat. No.: GP20121
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	NPPB; Natriuretic Peptide Precursor B; BNP; B-type Natriuretic Peptide.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MHPLGSPGSA SDLETSGLQE QRNHLQGLSELQVEQTSLE PLQESPRPTG VWKSREVATE GIRGHRKMVL YTLRAPRSPK MVQGS GCFGR KMDRISSSSG LGCKVLR RH.		
Formulation	BNP 1mg/ml is formulated with 1X PBS pH-7.4, 2mM DTT, 0.1mM PMSF, 1mM EDTA and 40% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

BNP Recombinant Human fused with 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 129 amino acids (27-134 a.a) and having a molecular mass of 14 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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