
Product Data Sheet

Product Name: proBNP Human
Cat. No.: GP26009
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide		
Formulation	Human proBNP solution contains 500 mM NaCl, 20mM Tris-HCl, 4mM CaCl ₂ , 4mM MgCl ₂ and 60 mM B-mercaptoethanol, pH 7.5.		

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

proBNP although stable at 10°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.

Background

Recombinant Human Pro B-type Natriuretic Protein produced in E.Coli is a single, non-glycosylated, polypeptide chain (aa1-108), fused to His-tag and having a molecular weight of ~13kDa. The proBNP is purified by proprietary chromatographic techniques.

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

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