

---

## Product Data Sheet

---

Product Name: NT-proBNP Human  
 Cat. No.: GP26008  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	atRoomtemp.
Synonyms	NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide.		
Amino Acid Sequence	HPLGSPGSAS DLETSGLQEQ RNHLQGKLSE LQVEQTSLEP LQESPRPTGV WKSREVATEG IRGHRKMVLY TLRAPR.		
Solubility	It is recommended to reconstitute the lyophilized NT-Pro-B-type Natriuretic Protein in sterile 18MΩ-cm H <sub>2</sub> O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	Lyophilized from a 0.2μm filtered concentrated solution in 20mM Tris-HCl, pH 8.0 and 150mM NaCl.		

### Introduction

Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis, vasorelaxation, diuresis and inhibition of renin and aldosterone secretion. BNP plays a key role in cardiovascular homeostasis. BNP also helps restore the body's salt and water balance and improves heart function.

### Stability

Lyophilized NT-proBNP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NT-Pro-B-type Natriuretic Protein should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

### Background

NT-Pro-B-type Natriuretic Protein Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 76 amino acid and having a molecular mass of approximately 8.5kDa. NT-proBNP is purified by proprietary chromatographic

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

**Product Data Sheet**

---

techniques.

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

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***