



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



B-type Natriuretic Peptide, human recombinant, His Tag (rHuBNP)

Catalog No: 08554
Lot No: XXXXX
Source: *E. coli*
Synonyms: NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide

Background

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.

Description

B-type Natriuretic Peptide human recombinant, 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.

Physical Appearance

Sterile filtered colorless solution.

Formulation

Natriuretic Peptide Precursor B 1 mg/ml is formulated with 1X PBS pH 7.4 and 20% glycerol.

Stability

BNP, although stable at 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.

Purity

Greater than 90.0% as determined by (a) Analysis by RP-HPLC, (b) Analysis by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MHPLGSPGSA SDLETSGLQE QRNHLQGKLS ELQVEQTSLE PLQESPRPTG VWKSREVATE
GIRGHRKMVL YTLRAPRSPK MVQSGCFGR KMDRISSSSG LGCKVLRRH

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.