

NT-Pro B-type Natriuretic Recombinant Protein | NTproBNP recombinant protein

Recombinant Human NT-Pro B-type Natriuretic Protein

CATALOG # AAA38062	HOST E Coli
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PRODUCT SYNONYMS

NT-Pro B-type Natriuretic; Recombinant Human NT-Pro B-type Natriuretic Protein; NPPB; Natriuretic Peptide Precursor B; BNP; B-type Natriuretic Peptide; NT-proBNP Human; NT-Pro-B-type Natriuretic Protein Human Recombinant; NTproBNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE
Form/Format	Sterile filtered white lyophilized (freeze-dried) powder. Lyophilized from a 0.2um filtered concentrated solution in 20mM Tris-HCl, pH 8.0 and 150mM NaCl.
Sequence	Aminoacid: HPLGSPGSAS DLETSGLQEQ RNHLQGKLSE LQVEQTSLEP LQESPRPTGV WKSREVATEG IRGHRKMVLY TLRAPR.
Sequence Length	134
Solubility	It is recommended to reconstitute the lyophilized NT-Pro-B-type Natriuretic Protein in sterile 18Momega-cm H2O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized NT-proBNP although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution NT-Pro-B-type Natriuretic Protein should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NTproBNP recombinant protein	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. Description: 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 techniques.
Product Categories/Family for NTproBNP recombinant protein	CYTOKINES AND GROWTH FACTORS

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NP_002512.1

UniProt Accession #	P16860
NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32
UniProt Entry Name	ANFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/nppb-recombinant-protein-e-coli/38062>