

B-type Natriuretic Recombinant Protein | BNP recombinant protein

Recombinant Human B-type Natriuretic Protein His Tag

CATALOG # AAA38589	HOST E Coli
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PRODUCT SYNONYMS

B-type Natriuretic; Recombinant Human B-type Natriuretic Protein His Tag; BNP Human; His; B-type Natriuretic Peptide Human Recombinant; His Tag; NPPB; Natriuretic Peptide Precursor B; BNP; B-type Natriuretic Peptide; BNP His; BNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by analysis by SDS-PAGE.
Form/Format	BNP 0.5mg/ml is formulated with 1X PBS pH-7.4, 2mM DTT, 0.1mM PMSF, 1mM EDTA and 40% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMHP LGSPGSASDL ETSGLQEQRN HLQGKLSELQ VEQTSLEPLQ ESPRPTGVWK SREVATEGIR GHRKMVLYTL RAPRSPKMVQ GSGCFGRKMD RISSSSGLGC KVLRRH
Sequence Length	134
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20° for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for BNP recombinant protein	Description: 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. BNP is purified by proprietary chromatographic techniques.
Product Categories/Family for BNP recombinant protein	Cytokines and Growth Factors ; Cytokines ; B type Natriuretic Peptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860 ; Q6FGY0 ; Q9P2Q7 ; B0ZBE9
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; brain type natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptide precursor B; natriuretic protein
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nppb-recombinant-protein-e-coli/38589>