

N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) Recombinant Protein | NT-ProBNP recombinant protein

Recombinant N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP)

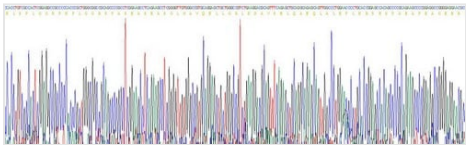
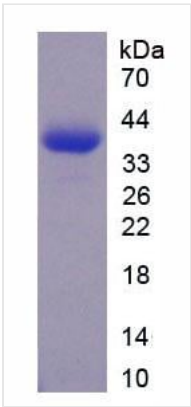
CATALOG # AAA147862	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP); Recombinant N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP); GC-B; NPPB; B-Type Natriuretic Peptide; Natriuretic Peptide Precursor B; Gamma-brain natriuretic peptide; Brain natriuretic peptide 32; NT-ProBNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for NT-ProBNP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His18~Arg106
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

HLS PLGGRPHPLG GRSPASEASE ASEASGLNAV
QELLGRLKDA VSELQAEQLA LEPLHRSHSP AEAPEAGGTP RGVLA PHDSV
LQALRR

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	113835
NCBI GeneID	487441
UniProt Accession #	P16859
Molecular Weight	Predicted Molecular Mass: 39.3kDa Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Natriuretic peptides 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-34; BNP-29

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-wb-western-blot-sds-page-immunogen-positive-control/147862>