

Brain Natriuretic Peptide (BNP) Recombinant Protein | BNP recombinant protein

Recombinant Brain Natriuretic Peptide (BNP)

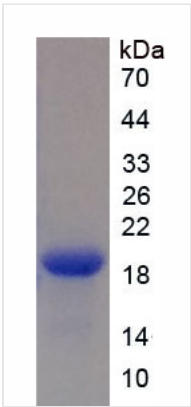
CATALOG # AAA133926	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Brain Natriuretic Peptide (BNP); Recombinant Brain Natriuretic Peptide (BNP); BNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 2500ug/mL (varies by lot)
Sequence	SPKMVQGSGC FGRKMDRISS SSGLGCKVLR RH
Applicable Applications for BNP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser103~His134
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	11.0
Usage	Reconstitute in 10mM PBS (pH7.4) 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.



SDS-PAGE

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
Molecular Weight	Predicted Molecular Mass: 17.2kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
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; natriuretic protein; brain type natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptide precursor 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.

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/133926>