SunLong Biotech Co.,LTD
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Recombinant Brain Natriuretic Peptide (BNP)

Catalog Number: SIPA383Ra01 **Spec: 100ug**

Product Name	Recombinant Brain Natriuretic Peptide (BNP)
Catalog Number	SIPA383Ra01
Organism Species	Rat
Source	Prokaryotic expression.
Host	E. coli
Residues	Ser77~Phe121
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Tissue Specificity	Brain, Atria.
Subcellular Location	Secreted.
Purity	>95%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	10.1
Predicted Molecular Mass	18.7kDa
Accurate Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC 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.

[SEQUENCE]

SQDS AFRIQERLRN SKMAHSSSCF
GQKIDRIGAV SRLGCDGLRL F

[IDENTIFICATION]

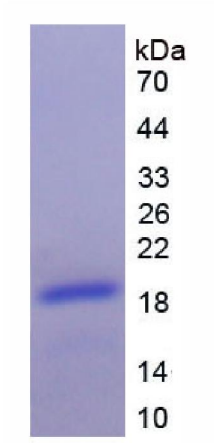


Figure 1. SDS-PAGE