

Natriuretic Peptide Precursor B (NPPB) Recombinant Protein | NPPB recombinant protein

Recombinant Natriuretic Peptide Precursor B (NPPB)

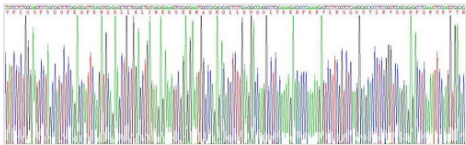
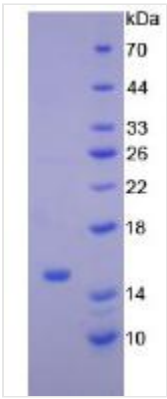
CATALOG # AAA147863	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for NPPB recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr27~Leu121
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	10.0
Usage	Reconstitute in ddH ₂ O 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

YPLG SPSQSPEQFK MQKLELIRE
KSEEMAQRQL LKQQGLTKEH PKRVLRSGS TLRVQRPQN SKVTHISSCF
GHKIDRIGSV SRLGCNALKL L

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168456
NCBI GeneID	18158
UniProt Accession #	P40753
Molecular Weight	Predicted Molecular Mass: 12.3kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Natriuretic peptides B
NCBI Official Synonym Full Names	natriuretic peptide type B
NCBI Official Symbol	Nppb
NCBI Official Synonym Symbols	BNF; BNP; AA408272
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	Nppb
UniProt Synonym Gene Names	BNP

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.