

Recombinant Human NPPB protein

Cat. No. NPPB-31085TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPPB protein(P16860)(27-102 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-102 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 20mM Tris, 150mM NaCl, 3% Sucrose, 0.04% Tween 80, pH8.0.
Molecular Mass	Approximately 8.5 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids.
AASequence	HPLGSPGSAS DLETSGLQEQ RNHLQGKLSE LQVEQTSLEP LQESPRPTGV WKSREVATEG IRGHRKMVLY TLRAPR
Endotoxin	Less than 0.1 EU/µg of rHuNT-pro-BNP as determined by LAL method.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name NPPB natriuretic peptide B [Homo sapiens]

Official Symbol NPPB

Synonyms NPPB; natriuretic peptide B; natriuretic peptide precursor B; natriuretic peptides B; natriuretic protein; brain type natriuretic peptide; gamma-brain natriuretic peptide; BNP;

Gene ID 4879

mRNA Refseq NM_002521

Protein Refseq NP_002512

MIM 600295

UniProt ID P16860

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