

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 $\leq -20^{\circ}\text{C}$. 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](#)

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA