# Recombinant Human NPPB protein

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

## SPECIFICATION

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| **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

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| **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** | |

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