

# Human NPPA Recombinant Protein



RPPB0809

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## Product Information    Protein Information

**Product SKU:**

RPPB0809

**Accession:**

P01160

**Host:**

Escherichia Coli.

**Protein description:**

NPPA Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 26-123) containing 106 amino acids including an 8 a.a N-terminal His tag. The total molecular mass is 11.7kDa (calculated).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Natriuretic peptides A, CDD-ANF, Cardiodilatin, CDD, Cardiodilatin-related peptide, CDP, N-terminal proatrial natriuretic peptide, ANP, PND.

**Formulation:**

NPPA filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20 mM Tris buffer, 50 mM NaCl and 5% w/v trehalosa, pH 7.5.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. NPPA is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHNP MYNAVSNADL MDFKNLLDHL EEKMPLEDEV VPPQVLSEPN EEAGAALSPL PEVPPWTGEV SPAQRDGGAL GRGPWDSSDR SALLKSKLRA LLTAPR.