

Recombinant Human NPPA protein, His-tagged

Cat. No. NPPA-3689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPPA protein(26-153 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-153 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NPMYNAVSNADLMDFKNLLDHLEEKMPLEDEVPPQVLSEPNEEAGAALSPLPEVP PWTGEVSPAQRDGGALGRGPWDSSDRSALLKSKLRALLTAPRSLRRSSCFGGRM DRIGAQSGLG CNSFRYRR
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

 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 with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NPPA natriuretic peptide A [Homo sapiens]
Official Symbol	NPPA
Synonyms	NPPA; natriuretic peptide A; ANP, natriuretic peptide precursor A , PND; natriuretic peptides A; atriopeptin; cardionatrin; prepronatriodilatin; natriuretic peptide precursor A; ANF; ANP; PND; ATFB6; CDD-ANF;
Gene ID	4878
mRNA Refseq	NM_006172
Protein Refseq	NP_006163
MIM	108780
UniProt ID	P01160

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