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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

NPPA (Human) Recombinant Protein

Catalog Number: P8980

Regulation Status: For research use only (RUO)

Product Description: Human NPPA (P01160, 26 a.a. - 123 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in *Escherichia coli*.

Sequence:

MKHHHHHHNPMYNAVSNADLMDFKNLLDHLEEKMPL
EDEVVPPQVLSEPNEEAGAALSPLPEVPPWTGEVSPA
QRDGGALGRGPWDSSDRSALLKSKLRALLTAPR.

Host: *Escherichia coli*

Theoretical MW (kDa): 11.7

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 95% by SDS PAGE

Storage Buffer: Lyophilized from 20 mM Tris buffer, 50 mM NaCl and 5% w/v trehalosa, pH 7.5.

Storage Instruction: Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Entrez GeneID: 4878

Gene Symbol: NPPA

Gene Alias: ANF, ANP, ATFB6, CDD-ANF, PND

Gene Summary: The protein encoded by this gene belongs to the natriuretic peptide family. Natriuretic peptides are implicated in the control of extracellular fluid volume and electrolyte homeostasis. This protein is synthesized as a large precursor (containing a signal peptide), which is processed to release a peptide from

the N-terminus with similarity to vasoactive peptide, cardiodilatin, and another peptide from the C-terminus with natriuretic-diuretic activity. Mutations in this gene have been associated with atrial fibrillation familial type 6. [provided by RefSeq]