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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NPPB (Human) Recombinant Protein (P01)

Catalog Number: H00004879-P01

Regulation Status: For research use only (RUO)

Product Description: Human NPPB full-length ORF (AAH25785, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDPQTAPSRALLLLLFLHLAFLGGRSHPLGSPGSASD
SETSGLQEQRNHLQGLSELQVEQTSLEPLQESPRPT
GVWKSREVATEGIRGHRKMLVLYTLRAPRSPKMQGS
GCFGRKMDRISSSSGLGCKVLRH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 40.48

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4879

Gene Symbol: NPPB

Gene Alias: BNP

Gene Summary: This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and

a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. Mutations in this gene have been associated with postmenopausal osteoporosis. [provided by RefSeq]

References:

1. BNP directly immunoregulates the innate immune system of cardiac transplant recipients in vitro. Shaw SM, Fildes JE, Puchalka CM, Basith M, Yonan N, Williams SG. *Transpl Immunol.* 2009 Jan;20(3):199-202. Epub 2008 Sep 21.