

Native Porcine Brain Natriuretic Peptide

Cat. No. BNP-1276P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Porcine BNP is prepared from Porcine.
Species	Human
Source	Porcine
Description	<p>Porcine is a member of the natriuretic peptide family and is a secreted protein which functions as a cardiachormone. 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. BNP is a 32 aa peptide secreted by the ventricles of the heart in response to excessive stretching of myocytes in the ventricles. A high concentration of this protein in the bloodstream is indicative of heart failure.</p>
Form	Trifluoroacetate Salt.
Purity	> 99%
Amino Acid Sequence	Ser-Pro-Lys-Thr-Met-Arg-Asp-Ser-Gly-Cys-Phe-Gly-Arg-Leu-Asp-Arg-Ile-Gly-Ser-Leu-Ser-Gly-Leu-Gly-Cys-Asn-Val-Leu-Arg-Arg-Tyr
Certification	Raw material (human cell line) has been tested and found to be negative for anti-HIV1/2, anti-HCV, and HBs Ag by FDA approved methods.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20°C.

GENE INFORMATION

Gene Name BNP brain natriuretic peptide[*Sus scrofa*]

Official Symbol BNP

Synonyms BNP; brainnatriuretic peptide; BNP1; NPPB; natriuretic peptides B; gamma-brainnatriuretic peptide

Gene ID 396844

mRNA Refseq NM_213846

Protein Refseq NP_999011

UniProt ID P07634

Chromosome Location 6

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