

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	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.
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.

 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

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
------------------------	---

 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