

**BNP(1-45), mouse****Cat. No.:** RP20365**Size:** 1 mg**Description:**

Brain natriuretic peptide (BNP), now known as B-type natriuretic peptide(also BNP) or GC-B, is a 32 amino acid polypeptide secreted by the ventricles of the heart in response to excessive stretching of heart muscle cells (cardiomyocytes). BNP is named as such because it was originally identified in extracts of porcine brain, although in humans it is produced mainly in the cardiac ventricles.

**Sequence (one-letter code):**

SQGSTLRVQQRPNQNSKVTHISSCFGHKIDRIGSVSRLGCNAL  
KLL

**Sequence (three-letter code):**

{Ser}{Gln}{Gly}{Ser}{Thr}{Leu}{Arg}{Val}{Gln}{Gln}{Arg}{Pro}{Gln}{Asn}{Ser}{Lys}{Val}{Thr}{His}{Ile}{Ser}{Ser}{Cys}{Phe}{Gly}{His}{Lys}{Ile}{Asp}{Arg}{Ile}{Gly}{Ser}{Val}{Ser}{Arg}{Leu}{Gly}{Cys}{Asn}{Ala}{Leu}{Lys}{Leu}{Leu}(Disulfide bridge: 23-39)

**Molecular Weight:** 4,919.6**Purity:** > 95%**Storage:**

Store at -20°C.

**Note:**

\*For Non-Clinical Research Use Only \*

