

Synthetic Human Brain Natriuretic Peptide 32

Cat. No. NPPB-8050H Lot. No. (See product label)

SPECIFICATION

Product Overview

Brain natriuretic peptide (type B natriuretic peptide, BNP) was originally isolated from brain, but is mainly produced in myoendocrine cells of the heart ventricles from which it is released into the circulatory system. BNP is involved in blood pressure control and cardiovascular homeostasis.

Molecular Formula: C₁₄₃H₂₄₄N₅₀O₄₂S₄

Disulfide bridge: Cys10-Cys26

Species Human

Source Human

Molecular Mass 3464.1

AA Sequence SPKMOVQSGSGCFGRKMDRISSSSGLGCKVLRH

Purity > 95%

Storage Store the peptide at -20 centigrade.

GENE INFORMATION

Gene Name NPPB natriuretic peptide B [Homo sapiens (human)]

Official Symbol NPPB

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Synonyms	NPPB; natriuretic peptide B; BNP; natriuretic peptides B; brain type natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptide precursor B; natriuretic protein
Gene ID	4879
mRNA Refseq	NM_002521
Protein Refseq	NP_002512
MIM	600295
UniProt ID	P16860

