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BNP, human recombinant protein

NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide
Catalog # PBV10459r

Specification

BNP, human recombinant protein - Product info

Primary Accession	P16860
Calculated MW	3.464 kDa KDa

BNP, human recombinant protein - Additional Info

Gene ID	4879
Gene Symbol	BNP

Other Names
NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide, Gamma-brain natriuretic peptide

Gene Source	Human
Source	Synthetic
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	No
Sequence	SPKMVQGSGCFGRKMDRISSSSGLGCKVLRRH -OH

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile H_2O to a concentration ≥ 100 µg/ml. This solution can then be diluted into other aqueous buffers.

Format
Lyophilized protein

Storage
-20°C; Lyophilized with no additives

BNP, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BNP, human recombinant protein - Images

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BNP, human recombinant protein - Background

Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is thought to play a key role in cardiovascular homeostasis. It helps to restore the body's salt and H_2O balance and improves heart function. B-type Natriuretic Peptide Human is a polypeptide chain containing 32 amino acids and having a molecular mass of 3464 Dalton.