

BNP Recombination Protein

Basic information:

Catalog No.:	UDP9054-1	Source:	Human
Expression Host:	<i>Escherichia coli</i>	Type:	Recombinant protein
Purity:	> 90 % as determined by SDS-PAGE		

Useful Information:

Construction:

A DNA sequence encoding the BNP was expressed with TrxA and His-tag in N terminus.

Molecular Mass:

The protein of BNP consists of 32 amino acids.

Formulation:

Liquidin PBS, pH7.4, containing 1mM PMSF

Biological Activity

N/A

Endotoxin:

N/A

Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

Reconstitution:

According to the application.

Description:

Brain natriuretic peptide can promote sodium excretion and urination, has strong vasodilator effect, and can counteract the vasoconstriction effect of renin-angiotensin-aldosterone system (RAAS), which is a major endocrine system like ANP in human body to resist volume overload and hypertension. Cardiac dysfunction can greatly activate the natriuretic peptide system, and increased ventricular load leads to BNP release.

Note:

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