

## Product datasheet for **TP727423**

### BNP (NPPB) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Brain Natriuretic Peptide/BNP (N-6His-Flag)
Species:	Human
Expression cDNA Clone or AA Sequence:	His27-Arg102
Tag:	N-His&Flag
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mMTris-HCl,150mMNaCl,pH8.0.
Note:	Recombinant Human Brain-type Natriuretic Peptide is produced by our E.coli expression system and the target gene encoding His27-Arg102 is expressed with a 6His, Flag tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	4879
UniProt ID:	<a href="#">P16860</a>
Summary:	Brain-type Natriuretic Peptide (BNP) is a nonglycosylated peptide that is produced predominantly by ventricular myocytes and belongs to the natriuretic peptide family. Proteolytic cleavage of the 12 kDa BNP precursor gives rise to N-terminal Pro BNP (NT-proBNP) and mature BNP. N-terminal proB-type natriuretic peptide (NT-proBNP), a useful marker of heart failure (HF), is considered to be secreted mainly from the ventricle, increased serum NT-proBNP levels are also encountered in conditions such as atrial fibrillation (AF) and atrial septal defect in patients without HF.



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