

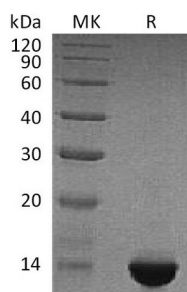
Product Name: Recombinant Human NT-proBNP (N-6His-Flag)
Catalog #: PEH0167



Summary

Name	NT-proBNP
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P16860
Host	E.coli
Species	Human
Predicted Molecular Mass	11 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background



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Alternative Names

Natriuretic peptides B; Gamma-brain natriuretic peptide; NPPB; BNP

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.