

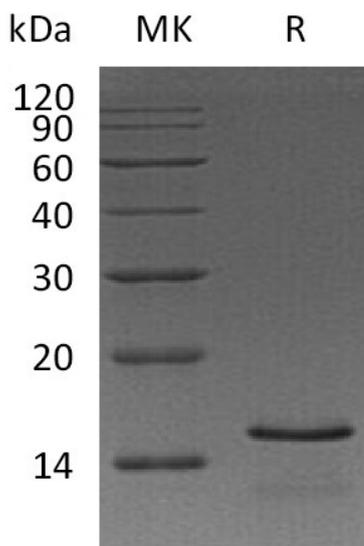
Product Name: Recombinant Human NPPB (N-6His)
Catalog #: PEH2051



Summary

Name	NPPB/Natriuretic Peptides B/Gamma-Brain Natriuretic Peptide
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Natriuretic Peptides B is produced by our E.coli expression system and the target gene encoding His27-His134 is expressed with a 6His tag at the N-terminus.
Accession #	P16860
Host	E.coli
Species	Human
Predicted Molecular Mass	14.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM NaAc-HAc, 10% Sucrose, 1mM EDTA, 1mM DTT, 10% Glycerol, 0.02% Tween80, pH4.5.
Shipping	The product is shipped on dry ice/polar packs. 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	

SDS-PAGE image



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Alternative Names

Natriuretic Peptides B; Gamma-Brain Natriuretic Peptide; NPPB

Background

Human Natriuretic peptides B acts as a cardiac hormone; it is associated with many biological actions, such as diuresis, natriuresis, vasorelaxation, which inhibits the secretion of rennin and aldosterone. It acts as a paracrine antifibrotic factor in the heart. Natriuretic peptides B can help restore the body balance of salt and water, improves the heart function. Natriuretic peptides B binds and stimulates the cGMP production of the NPR1 receptor and binds the clearance receptor NPR3.

Note

For Research Use Only , Not for Diagnostic Use.