

Recombinant Human NPPB (N-6His) Catalog No: C154

Description 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.

Source E.coli

Alternative name Natriuretic Peptides B; Gamma-Brain Natriuretic Peptide; NPPB

Accession No. P16860

Predicted Molecular

14.2kDa

Weight

AP Molecular Weight

16kDa, reducing conditions.

Formulation

Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 1mM DTT, 20%

Glycerol, pH 7.4.

Quality Control Purity: Greater than 95% as determined by reducing SDS-PAGE.

> Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

The product is shipped on dry ice/polar packs. **Shipping**

Upon receipt, store it immediately at the temperature listed below.

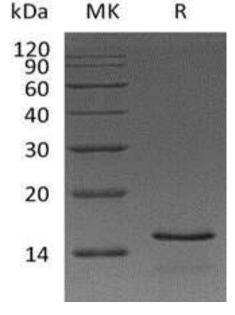
Storage Store at < -20°C, stable for 6 months after receipt.

Please minimize freeze-thaw cycles.

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.

SDS-PAGE



MK: Marker

R: Sample in reducing conditions

