

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 Weight	14.2kDa
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.
Shipping	The product is shipped on dry ice/polar packs. 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.

