

## Recombinant Human Natriuretic Peptides B/NPPB Protein (His Tag)

**Catalog No.** PKSH033585

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

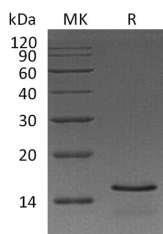
### Description

<b>Synonyms</b>	Natriuretic Peptides B;Gamma-Brain Natriuretic Peptide;NPPB
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	His27-His134
<b>Accession</b>	P16860
<b>Calculated Molecular Weight</b>	14.2 kDa
<b>Observed molecular weight</b>	16 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 1mM DTT, 20% Glycerol, pH 7.4.
<b>Reconstitution</b>	Not Applicable

### Data



> 95 % as determined by reducing SDS-PAGE.

### 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.

### For Research Use Only