

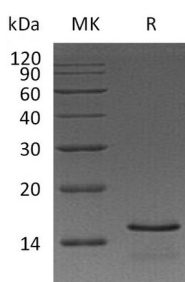
Product Name: Recombinant Human NPPB (N-6His)
Catalog #: PEH2051



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



Background

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

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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.