

Recombinant Human Pleiotrophin (PTN)

Catalog Number: **HZ-1278**

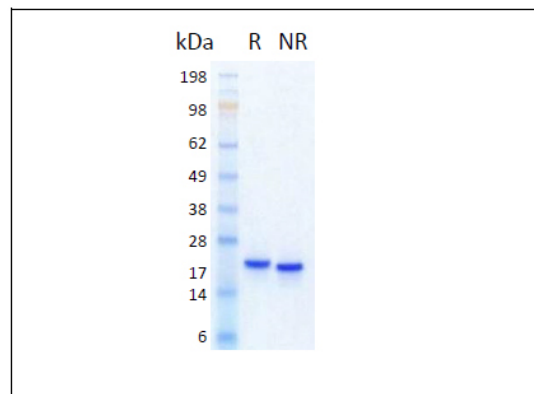
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	N/A
Purity	>95%
Endotoxin	<1 EU/μg
Molecular Mass	18 kDa, monomer, non-glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	5764



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human Pleiotrophin is expressed in Human 293 cells as a secreted unglycosylated monomer. PTN is a member of a family of heparin-binding proteins that share sequence, structural, and functional similarity. Other members of this family include midkine (MK), and chicken retinoic acid- induced heparin-binding protein (RI-HB), an avian homologue of MK. The expression of all these cytokines is restricted and highly regulated during development.

Synonyms

HARP, HB GAM, HBBM, HBGF 8, HBGF8, HBNF, HBNF 1, HBNF1, Heparin binding brain mitogen, NEGF1, OSF 1, Osteoblast specific factor 1, pleiotrophin, PTN

For technical support and original validation data for this product please contact:

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