

# Product Datasheet

## Recombinant Human Pleiotrophin/PTN Animal-Free Protein NBP2-76225-5ug

Unit Size: 5 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-76225-5ug****Recombinant Human Pleiotrophin/PTN Animal-Free Protein****Product Information**

|                                    |                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 5 ug                                                                                                                                                              |
| <b>Concentration</b>               | Lyoph                                                                                                                                                             |
| <b>Storage</b>                     | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| <b>Preservative</b>                | No Preservative                                                                                                                                                   |
| <b>Reconstitution Instructions</b> | Sterile water at 0.1 mg/mL                                                                                                                                        |
| <b>Purity</b>                      | >95%, by SDS-PAGE                                                                                                                                                 |
| <b>Buffer</b>                      | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5                                                       |
| <b>Target Molecular Weight</b>     | 15.4 kDa                                                                                                                                                          |

**Product Description**

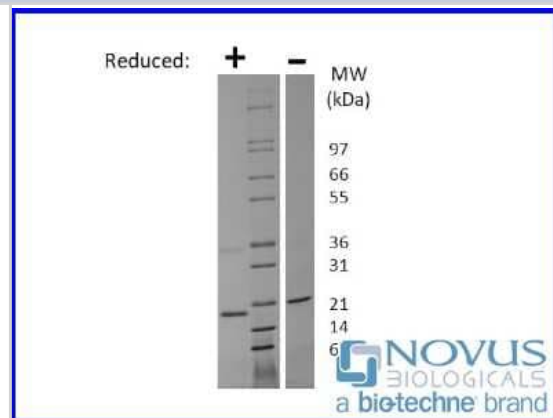
|                                |                                                                                                                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | For prolonged storage, dilute to working aliquots.<br><br>Expiration Date:<br>12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed. |
| <b>Gene ID</b>                 | 5764                                                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>             | PTN                                                                                                                                                                                                                                                                                      |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                    |
| <b>Specificity/Sensitivity</b> | Pleiotrophin/PTN is a monomer, 15.4 kDa (137 aa)                                                                                                                                                                                                                                         |
| <b>Preparation Method</b>      | Protein is derived from genetically modified E. coli.                                                                                                                                                                                                                                    |
| <b>Endotoxin Note</b>          | Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).                                                                                                                                                                                       |

**Product Application Details**

|                              |                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | SDS-Page                                                                                                                                                   |
| <b>Recommended Dilutions</b> | SDS-Page                                                                                                                                                   |
| <b>Application Notes</b>     | Lot Specific Information:<br>Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support. |

**Images**

SDS-Page: Recombinant Human Pleiotrophin/PTN Animal-Free Protein [NBP2-76225] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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