

# Product Datasheet

## Recombinant Human Pleiotrophin/PTN Protein NBP2-35233-5ug

Unit Size: 5ug

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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**NBP2-35233-5ug****Recombinant Human Pleiotrophin/PTN Protein**

<b>Product Information</b>	
<b>Unit Size</b>	5ug
<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>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	>95%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS, pH 7.4.
<b>Target Molecular Weight</b>	15.3 kDa

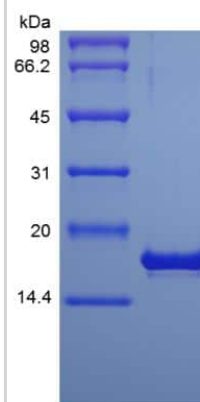
<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 136 amino acids corresponding to Pleiotrophin/PTN <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P21246</p> <p><b>Amino Acid Sequence:</b> GKKEKPEKKV KKSDCGEWQW SVCVPTSGDC GLGTREGTRT GAECKQTMKT QRCKIPCNWK KQFGAECKYQ FQAWGECDLN TALKTRTGSL KRALHNAECQ KTVTISKPCG KLTKPKPQAE SKKKKKEGKK QEKMLD</p>
<b>Gene ID</b>	5764
<b>Gene Symbol</b>	PTN
<b>Species</b>	Human
<b>Details of Functionality</b>	Pleiotrophin/PTN protein is fully biologically active when compared to standard. The biological activity was measured by its ability to enhance neurite outgrowth of E16E18 rat embryonic cortical neurons, when neurons were plated on 96 well culture plates that had been precoated with 100 ul/well of a solution of 5-10 ug/ml rHuPTN.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of Pleiotrophin/PTN as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity



## Images

SDS-Page: Human Pleiotrophin/PTN Protein [NBP2-35233]





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### **Products Related to NBP2-35233-5ug**

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NBP3-17206PEP	Pleiotrophin/PTN Recombinant Protein Antigen
DVE00	VEGF [HRP]
AF-252-PB	Pleiotrophin/PTN Antibody [Unconjugated]
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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