

## PTN

## Human Recombinant Pleiotrophin,

<b>Catalog No.</b>	CRP600A CRP600B CRP600C	<b>Quantity:</b>	5 µg 20 µg 1 mg
<b>Alternate Names:</b>	PTN, HBNF-1, Heparin affin-regulatory peptide, HARP		
<b>Description:</b>	Human Pleiotrophin is a new member of the heparin-binding neurotrophic factor family. Pleiotrophin and Midkine are structural homologs, and are highly conserved among species. It plays an important role in development processes and promotion of neurite extension.		
<b>UniProt ID:</b>	P21246		
<b>GenelD:</b>	5764		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	15.4 kDa (136 aa)		
<b>Formulation:</b>	Lyophilized from PBS, pH 7.2.		
<b>Purity:</b>	> 98% by SDS-PAGE and HPLC analyses.		
<b>Endotoxin Level:</b>	< 1 EU/µg		
<b>Biological Activity:</b>	Data not available.		
<b>Amino Acid Sequence:</b>	GKKEKPEKKV KKSDCGEWQW SVCVPTSGDC GLGTREGTRT GAECKQTMKT QRCKIPCNWK KQFGAECKYQ FQAWGECDLN TALKTRTGSL KRALHNAECQ KTVTISKPCG KLTKPKPQAE SKKKKKEGKK QEKMLD		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with PBS to a concentration of not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted into other buffered solutions such as PBS pH 7.0.		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable for 1 year at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)