

## Recombinant Human PTN Protein

Cat. No. PTN-672H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTN(Gly33-end) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	33-end a.a.
<b>Description</b>	The protein encoded by this gene is a secreted heparin-binding growth factor. The protein has significant roles in cell growth and survival, cell migration, angiogenesis and tumorigenesis. Alternative splicing and the use of alternative promoters results in multiple transcript variants.
<b>Form</b>	Lyophilized from a sterile solution containing 1x PBS, pH7.4
<b>Molecular Mass</b>	18.8 kDa
<b>Purity</b>	> 95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	PTN pleiotrophin [ Homo sapiens ]
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<b>Official Symbol</b>	PTN
<b>Synonyms</b>	PTN; pleiotrophin; NEGF1, neurite growth promoting factor 1; HBGF8; HBNF; heparin binding growth factor 8; HBBM; OSF-1; HB-GAM; HBGF-8; HBNF-1; osteoblast-specific factor 1; heparin-binding brain mitogen; heparin-binding growth factor 8; heparin affin regulatory protein; neurite growth-promoting factor 1; heparin-binding growth-associated molecule; heparin-binding neurite outgrowth-promoting factor 1; pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1); HARP; NEGF1;
<b>Gene ID</b>	5764
<b>mRNA Refseq</b>	NM_002825
<b>Protein Refseq</b>	NP_002816
<b>MIM</b>	162095
<b>UniProt ID</b>	P21246

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