

Recombinant Human PTN, His-tagged

Cat. No. PTN-30875TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Pleiotrophin with an N terminal His tag, containing 136 amino acid residues of human Pleiotrophin and 16 additional amino acid residues from the HisTag. 152 amino acids, 17.3 kDa.
Species	Human
Source	E.coli
Conjugation	HIS
Tissue specificity	Osteoblast and brain.
Form	Lyophilised: Add 0.2 ml of PBS pH 7.2 and let the lyophilized pellet dissolve completely.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 0.1M PBS, 0.1M Sodium chloride, pH 7.2
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MKHHHHHHHM LVPRGSGKKE KPEKKVKKSD CGEWQWSVCV PTSGDCGLGT REGTRTGAEC KQTMKTQRCK IPCNWKQFG AECKYQFQAW GECDLNTALK TRTGSLKRAL HNAECQKTVT ISKPCGKLT PKPQAESKKK KKEGKKQEKM LD

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Sequence Similarities	Belongs to the pleiotrophin family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	PTN pleiotrophin [Homo sapiens]
Official Symbol	PTN
Synonyms	PTN; pleiotrophin; NEGF1, neurite growth promoting factor 1; HBGF8; HBNF; heparin binding growth factor 8;
Gene ID	5764
mRNA Refseq	NM_002825
Protein Refseq	NP_002816
MIM	162095
Uniprot ID	P21246
Chromosome Location	7q33
Pathway	Syndecan-3-mediated signaling events, organism-specific biosystem;
Function	growth factor activity; heparin binding; protein phosphatase inhibitor activity;

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