

## 32-20330: Recombinant Human Pleiotrophin(Discontinued)

**Reactivity :** Chicken, Human, Mouse, Rat

**Alternative Name :** PTN, Heparin Affin Regulatory Protein (HARP), Heparin-binding growth factor-8(HBGF-8), Osteoblast-Specific Factor-1 (OSF-1)

### Description

**Source:**E.coli

Pleiotrophin and Midkine are structurally related heparin-binding neurotrophic factors, whose expression is developmentally regulated. The expression pattern of these neurotrophic factors suggests function in neurogenesis, cell migration, secondary organogenetic induction, and mesoderm epithelial interaction. The expression of PTN increases during the process of brain embryogenesis, and reaches maximum levels at time of birth. The physiological roles of PTN and Midkine are largely unknown, but these neurotrophins have been implicated in the pathogenesis of neuroblastomas. Recombinant Human Pleiotrophin is a 15.4 kDa protein containing 136 amino acid residues and five intra-molecular disulfide bonds.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** GKKEKPEKKV KKSDCGEWQW SVCVPTSGDC GLGTREGTRT GAECKQTMKT QRCKIPCNWK  
KQFGAECKYQ FQAWGECDLN TALKTRTGSL KRALHNAECQ KTVTISKPCG KLTKPKPQAE SKKKKKEGKK  
QEKMLD