

Recombinant Human Pleiotrophin

CATALOG #: 4469-20 20 µg
4469-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg.

MOL. WEIGHT: 20.6 kDa

FORM: Lyophilized from 0.4X PBS, pH 7.2

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or – 20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human Pleiotrophin should be stored in working aliquots at -20°C.

DESCRIPTION:

Human Pleiotrophin (PTN) also called HARP (Heparin affn regulatory peptide) is a new member of the heparin-binding neurotrophic factor family. PTN (Pleiotrophin) and MK (midkine) are structural homologs, and are highly conserved among species. PTN plays an important role in development processes and promotion of neurite extension. Recombinant human PTN is a His-tag fusion protein (17.3 kDa) containing 136 amino acid residues of the PTN.

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