Human Pleiotrophin / PTN

Synonyms: PTN, Heparin Affin Regulatory Protein, HARP, Heparin-binding growth factor-8, HBGF-8, Osteoblast-Specific Factor-1, OSF-1, Heparin-binding growth-associated molecule, HB-GAM, HBNF-1 Heparin-binding brain mitogen, Heparin-binding neurite outgrowth-promoting factor 1, HBBM, NEGF1.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1820.950.005		
20 µg	1820.950.020		
1 mg	1820.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

Pleiotrophin Human Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 136 amino acids and having a molecular mass of 15.3 kDa.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The Pleiotrophin protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

It is recommended to reconstitute the lyophilized Pleiotrophin in sterile 18M-cm H_2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized Pleiotrophin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Pleiotrophin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

GKKEKPEKKV KKSDCGEWQW SVCVPTSGDC GLGTREGTRT GAECKQTMKT QRCKIPCNWK KQFGAECKYQ FQAWGECDLN TALKTRTGSL KRALHNAECQ KTVTISKPCG KLTKPKPQAE SKKKKKEGKK QEKMLD

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
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