

## Pleiotrophin/PTN/HARP/HBGF-8/OSF-1, Human, Recombinant

货号: PCK297

产品信息

别名 PTN, Heparin Affin Regulatory Protein (HARP), Heparin-Binding Growth

Factor-8 (HBGF-8), Osteoblast-Specif\_x0002\_ic Factor 1 (OSF-1)

物种 Human

表达宿主 E.coli

序列信息 MGKKEKPEKKVKKSDCGEWQWSVCVPTSGDCGLGTREGTRTGAECKQT

MKTQRCKIPCNWKKQFGAECKYQFQAWGECDLNTALKTRTGSLKRALHN

AECQKTVTISKPCGKLTKPKPQAESKKKKKEGKKQEKMLD with

polyhistidine tag at the C-terminus.

检索号 P21246.1

分子量 19.89 kDa

标签 His-tag at the C-terminus

产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.01 EU per 1 μg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

7.4.

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## 复融

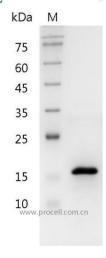
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

Pleiotrophin (PTN) also known HBBM, HBGF-8, NEGF1, HARP or HB-GAM is a protein that in humans is encoded by the PTN gene. This protein is expressed in the central and peripheral nervous system and also in several non-neural tissues, notably lung, kidney, gut and bone. Pleiotrophin binds anaplastic lymphoma kinase (ALK) which induces MAPK pathway activation, an important step in the anti-apoptotic signaling of PTN and regulation of cell proliferation.

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## **SDS-PAGE**



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