产品名称：Recombinant Mouse Pleiotrophin (C-6His)
产品货号：PHM1344

概述（Summary）

英文全称	Pleiotrophin/PTN
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Mouse Pleiotrophin is produced by our Mammalian expression system and the target gene encoding Gly33-Asp168 is expressed with a 6His tag at the C-terminus.
Accession #	P63089
表达宿主（Host）	Human Cells
种属（Species）	Mouse
预测分子量（Predicted MW）	16.1 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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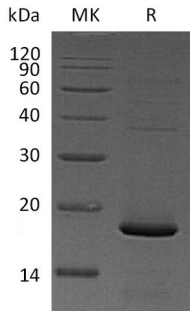

背景（Background）

分子别名（Alternative Names）

Pleiotrophin; PTN; Heparin-binding brain mitogen; HBBM; Heparin-binding growth factor 8; HBGF-8; Osteoblast-specific factor 1; OSF-1;

背景介绍（References）

Pleiotrophin (PTN) is a secreted, strongly heparinbinding, developmentally regulated cytokine. PTN is a highly conserved protein , Human, mouse, rat, canine, porcine, equine and bovine PTN share 98% aa sequence identity or greater. PTN and midkine share 50% amino acid (aa) sequence identity, share some functions, and constitute a family. During development, PTN is involved in development of brain, bone, and organs undergoing branching morphogenesis. PTN causes PTPRB dimerization and inactivates its phosphatase activity, which allows increased tyrosine phosphorylation of its substrates. Increased expression of PTN is correlated with neuronal development or stresses such as brain ischemia and Parkinson’ s disease.

注意事项（Note）

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