

PDGF-BB/ PDGF2 (C-6His), Mouse, Recombinant

货号 : PCK068

产品信息

别名	Platelet-Derived Growth Factor Subunit B; PDGF Subunit B; PDGF-2; Platelet-Derived Growth Factor B Chain; Platelet-Derived Growth Factor Beta Polypeptide; Proto-Oncogene c-Sis; Becaplermin; PDGFB; PDGF2; SIS
物种	Mouse
表达宿主	E.coli
序列信息	Ser82-Thr190
检索号	P31240
分子量	13.4 kDa
生物活性	Measured in a cell proliferation assay using BALB/ c 3T3 cells. The ED50 for this effect is less than 40 ng/ ml.

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	< 1.0 EU per μ g as determined by LAL test.
保存	Lyophilized Protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted Protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
运输	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
制剂	Lyophilized from a 0.2 μ m filtered solution of 4mM HCl.
复融	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 4mM HCl. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.



背景介绍

Platelet-Derived Growth Factor Subunit B (PDGFB) belongs to the PDGF/ VEGF Growth Factor family. Platelet-Derived Growth Factor is a potent mitogen for cells of mesenchymal origin. PDGFB can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-Derived Growth Factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. As Growth Factor, it plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. It is required for normal proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. PDGFB also plays an important role in wound healing.

SDS-PAGE

