

PDGF-BB/PDGF2 (C-6His), Mouse, Recombinant**Cat. No. : GPCK068****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	Ser82-Thr190
检索号	AAH53430.1
分子量	13.4 kDa
有效期	12 months
生物活性	Measured in a cell proliferation assay using Balb/c3T3 mouse fibroblast cells. The ED50 for this effect is 1.55 ng/mL.

产品特性

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-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 -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μm filtered solution of 4 mM HCl.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in 4 mM 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.

