

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

货号 : PCK068

产品信息

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| 别名 | PDGFBB; PDGF-BB |
| 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 |
| 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

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| 纯度 | >95% as determined by reducing SDS-PAGE. |
| 内毒素 | <1.0 EU per µg as determined by LAL test. |
| 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 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 µg/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

