

## PDGF-BB/ PDGF2, Human, Recombinant

货号：PCK067

### 产品信息

别名	PDGFBB; PDGF-BB
物种	Human
表达宿主	E.coli
序列信息	Ser82-Thr190
检索号	P01127
分子量	12.42 kDa
生物活性	Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 5-20 ng/ml.

### 产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per $\mu\text{g}$ as determined by LAL test.
保存	Lyophilized protein should be stored at $-5\sim-20^{\circ}\text{C}$ , stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $-5\sim-20^{\circ}\text{C}$ for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of 20mM NaAc-HAc, pH 4.5.



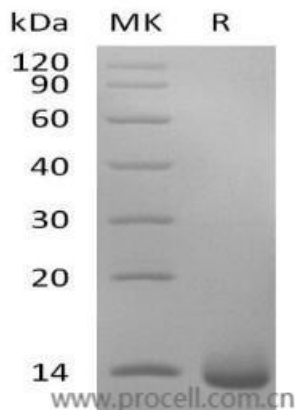
## 复融

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 distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

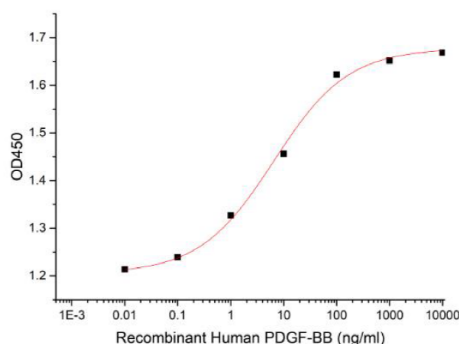
## 背景介绍

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. Mutations in this gene are associated with meningioma. Binding of PDGFB to its Receptor elicits a variety of cellular responses. In addition, PDGFB is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.

## SDS-PAGE



## 生物活性



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