

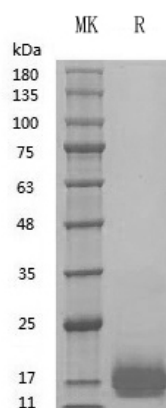
产品名称: GMP Recombinant Human PDGF-BB
产品货号: PPH90037



概述 (Summary)

英文全称	PDGF-BB
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	≤ 10 EU/mg
蛋白构建 (Construction)	Recombinant Human PDGF-BB is produced by our Yeast expression system and the target gene encoding Ser82-Thr190 is expressed.
Accession #	P01127
蛋白标签 (Tag)	Tag free
表达宿主 (Host)	Yeast
种属 (Species)	Human
预测分子量 (Predicted MW)	12.2 kDa
蛋白形态 (Form)	Lyophilized
储存缓冲液 (Buffer)	100mM Citrate sodium citrate, 5% Mannitol 0.1% Trehalose pH 6.5
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)	36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution. Please minimize freeze-thaw cycles.
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 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

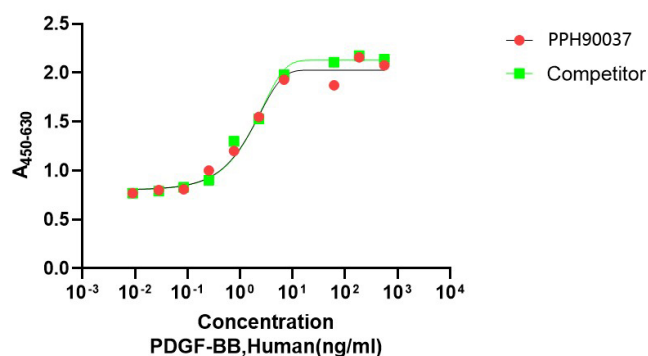
电泳图 (SDS-PAGE image)



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活性验证图 (Bioactivity image)



The ED50 for this effect is ≤ 10 ng/mL.

背景 (Background)

分子别名 (Alternative Names)

PDGFBB; PDGF-BB

背景介绍 (References)

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.

注意事项 (Note)

For research use only .