

# Recombinant human PDGF AA protein (Animal Free) ab179505

### 1 图像

#### 描述

产品名称	重组人PDGF AA蛋白(Animal Free)
生物活性	The activity is determined by the dose-dependent proliferation of mouse 3T3 indicator cells and is typically 3-5 ng/mL.
纯度	> 97 % SDS-PAGE.
内毒素水平	<=1.000 Eu/μg
表达系统	Escherichia coli
Accession	<b><u>P04085</u></b>
蛋白长度	Full length protein
无动物成分	Yes
性质	Recombinant
种属	Human
序列	SIEEAVPAVC KTRTVIYEIP RSQVDPTSAN FLIWPPCVEV KRCTGCCNTS SVKCQPSRVH HRSVKVAKVE YVRKKPKLKE VQVRLEEHL CACATTSLNP DYREEDTGRP RESGKKRKRK RLKPT
预测分子量	29 kDa
氨基酸	87 to 211
额外的序列信息	ab179505 is a non-glycosylated disulfide-linked homodimer, containing two 125 amino acid chains.

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab179505** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Functional Studies SDS-PAGE
形式	Lyophilized

#### 制备和贮存

## 稳定性和存储

Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 复溶

Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

## 常规信息

### 功能

Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of this growth factor to its receptor elicits a variety of cellular responses. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.

### 序列相似性

Belongs to the PDGF/VEGF growth factor family.

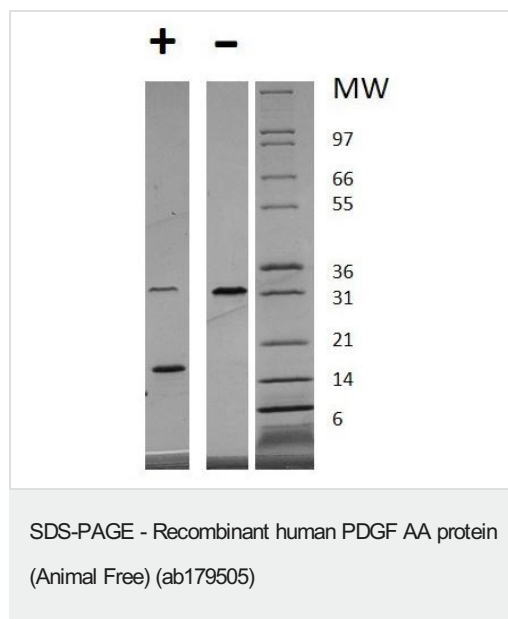
### 结构域

The long form contains a basic insert which acts as a cell retention signal.

### 细胞定位

Secreted.

## 图片



SDS PAGE analysis of ab179505 under non-reducing (-) and reducing (+) conditions. Stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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