

# Recombinant rat PDGF AA protein ab202796

## 1 References

### 描述

<b>产品名称</b>	重组大鼠PDGF AA蛋白
<b>生物活性</b>	Fully biologically active when compared to standard. The ED <sub>50</sub> as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 5.0 ng/mL, corresponding to a specific activity of > 2.0 × 10 <sup>5</sup> IU/mg.
<b>纯度</b>	> 98 % SDS-PAGE. > 98 % by HPLC analysis.
<b>表达系统</b>	Escherichia coli
<b>Accession</b>	<b><u>P28576-2</u></b>
<b>蛋白长度</b>	Full length protein
<b>无动物成分</b>	No
<b>性质</b>	Recombinant
<b>种属</b>	Rat
<b>序列</b>	MSIEEAIPAVCKTRTVIYEIPRSQVDPTSANFLIWPPCVEVK RGTGCCNT SSVKCQPSRVHHRSVKVAKVEYVRKKPKLKEVQVRLEEHL ACATSNLN PDHREEETDVR
<b>预测分子量</b>	25 kDa
<b>氨基酸</b>	87 to 196
<b>额外的序列信息</b>	This product is the mature full length protein from aa 87 to 196. The signal peptide and propeptide are not included. Disulfide-linked homodimeric protein.

### 技术指标

Our **Abpromise guarantee** covers the use of **ab202796** in the following tested applications.

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

<b>应用</b>	SDS-PAGE Functional Studies HPLC
<b>形式</b>	Lyophilized

## 制备和贮存

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### 稳定性和存储

Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle.

Constituent: 0.1% Trifluoroacetic acid

Lyophilised from a 0.2 µm filtered concentrated solution containing 30 % Acetonitrile.

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

### 复溶

Briefly centrifuge vial prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C to -70°C. Further dilutions should be made in appropriate buffered solutions.

## 常规信息

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### 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.

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

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