

### Recombinant human PDGFR alpha protein ab84797

画像数 5

#### 製品の詳細

製品名	Recombinant human PDGFR alpha protein
生理活性	Specific activity: 12nmol/min/mg.
精製度	> 90 % Densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	<b><u>P16234-1</u></b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	95 kDa
領域	550 to 1089
タグ	GST tag N-Terminus
配列の追加情報	Recombinant fragment of Human PDGF Receptor alpha (550-end) (cytoplasmic domain).

#### 特性

Our **Abpromise guarantee** covers the use of **ab84797** in the following tested applications.

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

アプリケーション	Western blot Functional Studies
製品の状態	Liquid
備考	<b><u>ab204877</u></b> (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

#### 前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 関連情報

### 機能

Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.

### 組織特異性

Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.

### 関連疾患

Note=A chromosomal aberration involving PDGFRA is found in some cases of hypereosinophilic syndrome. Interstitial chromosomal deletion del(4)(q12q12) causes the fusion of FIP1L1 and PDGFRA (FIP1L1-PDGFR).

### 配列類似性

Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.

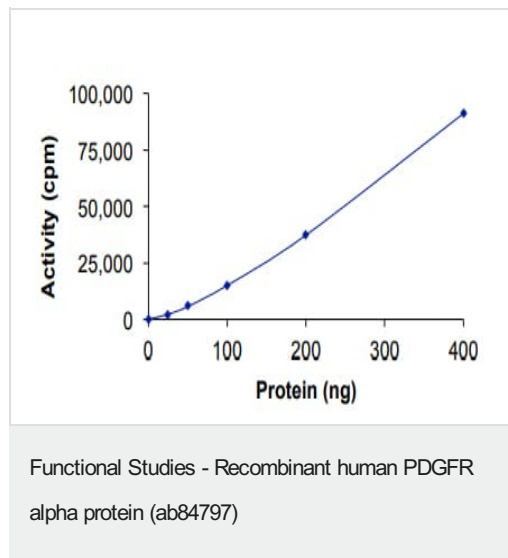
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 protein kinase domain.

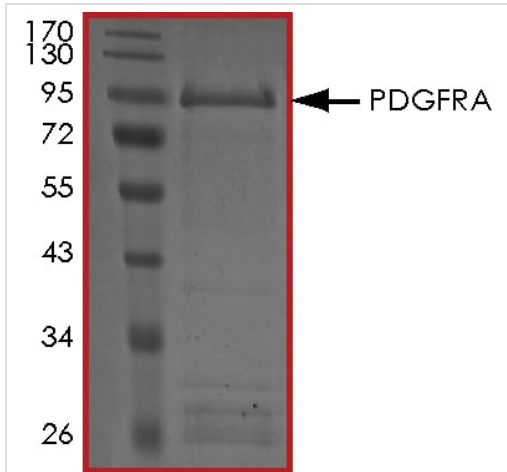
### 細胞内局在

Membrane.

## 画像

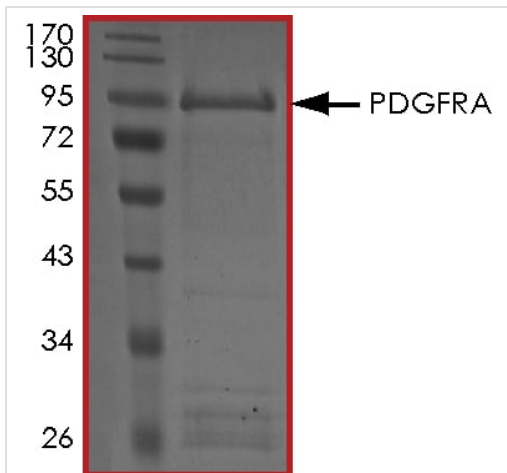


The specific activity of PDGFR alpha (ab84797) was determined to be 12.5 nmol/min/mg as per activity assay protocol



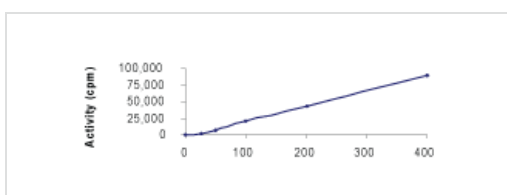
SDS PAGE analysis of ab84797

SDS-PAGE - Recombinant human PDGFR alpha protein (ab84797)



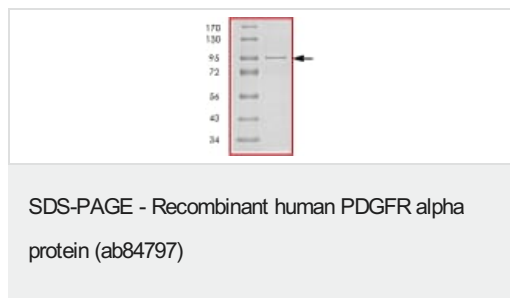
SDS PAGE analysis of ab84797

SDS-PAGE - Recombinant human PDGFR alpha protein (ab84797)



Activity of ab84797

Functional Studies - Recombinant human PDGFR alpha protein (ab84797)



SDS Page analysis of ab84797

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

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