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## Datasheet for ABIN7313156 **PDGFB Protein (AA 82-190)**

### Overview

Quantity:	50 µg
Target:	PDGFB
Protein Characteristics:	AA 82-190
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

### Product Details

Purpose:	Recombinant Human PDGFB Protein is produced by our E. coli expression system and the target gene encoding Ser82-Thr190 is expressed.
Sequence:	MSLGSLTIAE PAMIAECKTR TEVFEISRRL IDRTNANFLV WPPCVEVQRC SGCCNNRNVQ CRPTQVQLRP VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETVAAARPVT
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

### Target Details

Target:	PDGFB
Alternative Name:	PDGFB ( <a href="#">PDGFB Products</a> )

## Target Details

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Gene ID: 5155

UniProt: [P01127](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Regulation of Carbohydrate Metabolic Process](#), [Smooth Muscle Cell Migration](#), [Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from a 0.2  $\mu$ M filtered solution of 4 mM HCl.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.