



[Go to Product page](#)

Datasheet for ABIN7314956  
**PDGFB Protein (AA 82-190) (His tag)**

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 50 µg  |
| Target:                       | PDGFB  |
| Protein Characteristics:      | AA 82-190  |
| Origin:                       | Mouse  |
| Source:                       | Escherichia coli (E. coli)   |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This PDGFB protein is labelled with His tag.                         |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS) |

### Product Details

|                  |   |
|------------------|---|
| Purpose:         | Recombinant Mouse PDGFB Protein is produced by E.coli expression system and the target gene encoding Ser82-Thr190 is expressed with a 6His tag at the C-terminus. |
| Sequence:        | MSLGSLAAAE PAVIAECKTR TEVFQISRNL IDRTNANFLV WPPCVEVQRC SGCCNRRNVQ<br>CRASQVQMRP VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETVVTPRPVT LEHHHHHHH                             |
| Purity:          | Greater than 95 % as determined by reducing SDS-PAGE.   |
| Sterility:       | 0.2 µm filtered   |
| Endotoxin Level: | Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.  |

### Target Details

|         |       |
|---------|-------|
| Target: | PDGFB |
|---------|-------|

## Target Details

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Alternative Name: PDGFB ([PDGFB Products](#))

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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](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: Lyophilized from a 0.2 µm filtered solution of 4 mM HCl.

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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 µg/mL. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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Storage: -20 °C

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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.

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