

# Recombinant Human PDGF-AA Protein

Catalog Number: EXRP050

**EXREprotein™**

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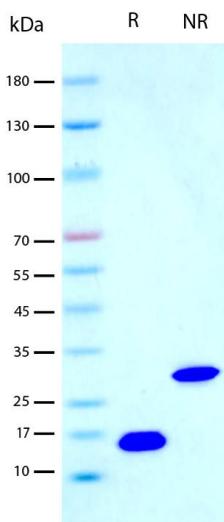
## Product Details

<b>Biological Activity</b>	Determined by a cell proliferation assay using mouse BALB/c 3T3 cells. The ED <sub>50</sub> for this effect is typically <25 ng/mL
<b>Purity</b>	>98% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
<b>Endotoxin</b>	<0.02 EU per 1 µg of the protein as determined by the LAL method
<b>Source</b>	Expressed in <i>E. coli</i> . Disulfide-linked homodimer
<b>Accession Number</b>	P04085
<b>Sequence</b>	Ser87-Thr211  SIEEAVPAVC KTRTVIYEIP RSQVDPTS AN FLIWPPCVEV KRCTGCCNTS SVKCQPSRVH HRSVKVAKVE YVRKKPKLKE VQVRLEEHL CACATTS LNP DYREEDTGRP RESGKKRKRK RLKPT
<b>Molecular Weight</b>	14.3 kDa (monomer, predicted), 14 kDa and 29 kDa observed on SDS-PAGE gel stained using Coomassie® Blue under reducing and non-reducing conditions, respectively
<b>Formulation</b>	Lyophilized from sterile Sodium Acetate and NaCl with Trehalose, without carrier protein.

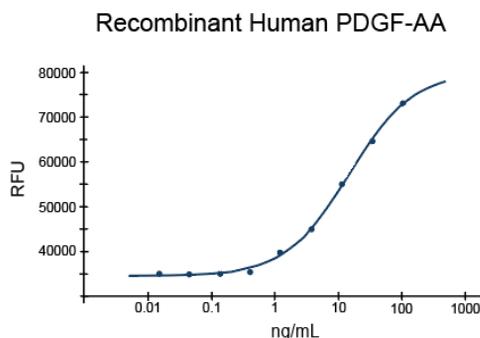
## Storage and Preparation

<b>Shipping</b>	Shipped at ambient temperature.
<b>Stability and Storage</b>	<ul style="list-style-type: none"><li>12 months from date of receipt at -20°C to -70°C, <b>lyophilized powder</b>.</li><li>3 months at -20°C to -70°C under sterile conditions <b>after reconstitution</b>.</li></ul> <b>Avoid repeated freeze-thaw cycles.</b>
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS.

## Data Images



**SDS-PAGE Data, Recombinant Human PDGF-AA**  
Recombinant Human PDGF-AA (2 µg/lane) on SDS-PAGE under reducing (R) conditions. The gel was stained using Coomassie® Blue showing 14 kDa (R) and 29 kDa (NR) and purity greater than 98%.



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