

**PRODUCT INFORMATION**

<b>Target</b>	PDGF-BB
<b>Synonyms</b>	PDGFBB;PDGF-BB
<b>Description</b>	Recombinant Human Platelet-Derived Growth Factor BB is produced by our E.coli expression system and the target gene encoding Ser82-Thr190 is expressed.
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01127
<b>Expression Host</b>	E.coli
<b>Tag</b>	
<b>Molecular Characterization</b>	Not available
<b>Molecular Weight</b>	12.42 KDa
<b>Purity</b>	Greater than 98% as determined by reducing SDS-PAGE.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from a 0.2 µm filtered solution of 20mM NaAc-HAc, pH 4.5.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Platelet-Derived Growth Factor Subunit B (PDGFB) belongs to the PDGF/VEGF growth factor family. Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. PDGFB can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Binding of PDGFB to its receptor elicits a variety of cellular responses. In addition, PDGFB is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.
<b>Usage</b>	Research use only



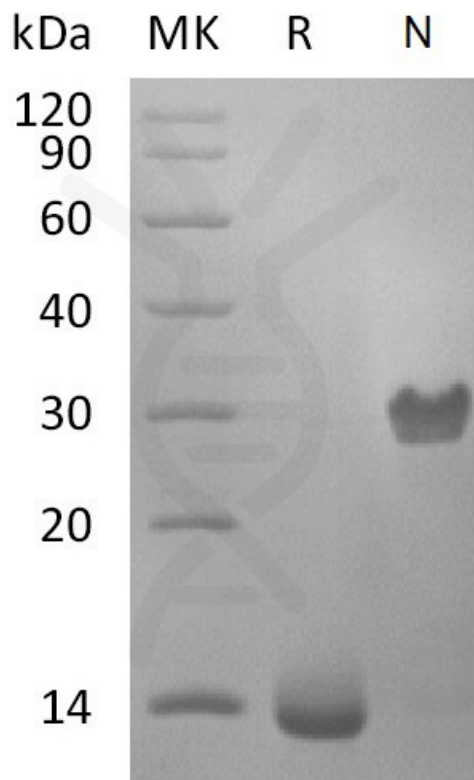


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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