

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HUMAN PDGF-BB PROTEIN**

目录: 12035

产品名称: Human PDGF-BB Protein

规格: 10 μg, 50 μg and 100 μg 基因符号: PDGFBB;PDGF-BB

Target: PDGF-BB
UNIPROT ID: P01127

描述: Recombinant Human Platelet-Derived Growth Factor BB is produced by our E.coli expression system and the target gene encoding Ser82-Thr190 is expressed.

背景: 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.

Species/Host: E.coli

Molecular Weight: 12.42 KDa

Molecular Characterization: Not available

纯化:: Greater than 98% as determined by reducing SDS-PAGE.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.



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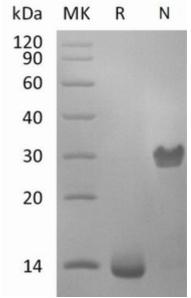


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.