

# Recombinant Human PDGF-BB Protein

RPES2168

## Description

---

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

---

**SKU:** RPES2168

**Purity:** > 98 % as determined by reducing SDS-PAGE.

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 0.2 EU per µg of the protein as determined by the LAL method.

**Synonyms:** Becaplermin, PDGF Subunit B, PDGF-2, PDGF2, PDGFB, Platelet-Derived Growth Factor B Chain, Platelet-Derived Growth Factor Beta Polypeptide, Platelet-Derived Growth Factor Subunit B, Proto-Oncogene c-Sis, SIS

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** None

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 5-20 ng/ml.

**Calculated MW:** 12.4 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM NaAc-HAc, pH 4.5. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 14 kDa

**Reconstitution:** Please refer to the printed manual for detailed information. Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 5-20 ng/ml.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Accession:** P01127

**Source:** E.coli-derived Human PDGF-BB protein Ser82-Thr190

**Sequence:** Ser82-Thr190

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.