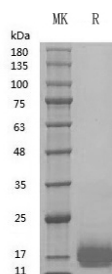


Summary

Name	PDGF-BB
Purity	Greater than 98% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human PDGF-BB is produced by our Yeast expression system and the target gene encoding Ser82-Thr190 is expressed.
Accession #	P01127
Host	Yeast
Species	Human
Predicted Molecular Mass	12.2 kDa
Formulation	Lyophilized From 100mM Citrate sodium citrate, 5% Mannitol 0.1% Trehalose pH 6.5
Shipping	The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt.Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100µg/ml.Dissolve the lyophilized protein in distilled water.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Human PDGF-BB
Catalog #: PPH2534



Alternative Names

PDGFBB; PDGF-BB

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.