

Recombinant Human PDGF-BB Protein

Catalog Number: EXRP040

EXREprotein™

For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

info@exreprotein.com

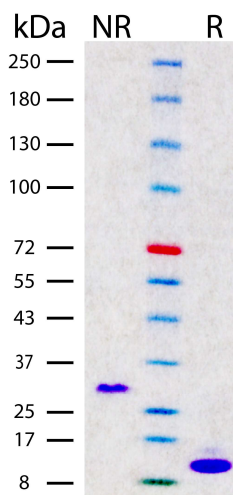
Product Details

Biological Activity	Determined by a cell proliferation assay using mouse Balb/c 3T3 cells. The ED ₅₀ for this effect is typically 1-3 ng/mL
Purity	>96% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
Endotoxin	<0.2 EU per 1 µg of the protein as determined by the LAL method
Source	Expressed in <i>E. coli</i> . Disulfide-linked homodimer
Accession Number	P01127.1
Sequence	Ser82-Thr190 SLGSLTIAEP AMIAECKTRT EVFEISRRLI DRTNANFLWV PPCVEVQRCS GCCNNRNVQC RPTQVQLRPV QVRKIEIVRK KPIFKKATVT LEDHLACKCE TVAAARPVT
Molecular Weight	12.3 kDa (monomer, predicted), 13 kDa and 28 kDa (observed on SDS-PAGE gel stained with Coomassie® Blue under reducing and non-reducing conditions, respectively).
Formulation	Lyophilized from sterile Sodium Acetate and NaCl with Trehalose, without carrier protein.

Storage and Preparation

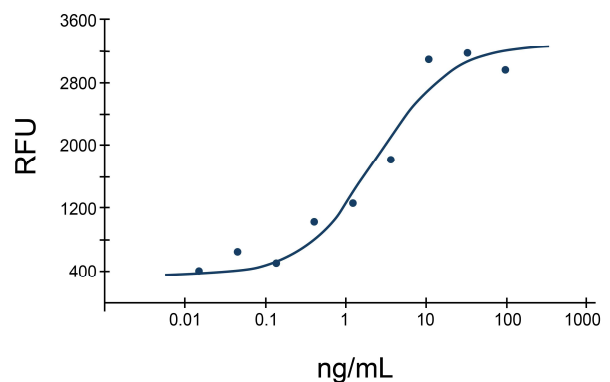
Shipping	Shipped at ambient temperature.
Stability and Storage	<ul style="list-style-type: none">12 months from date of receipt at -20°C to -70°C, lyophilized powder.3 months at -20°C to -70°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 100 µg/mL in sterile 4 mM HCl.

Data Images



Recombinant Human PDGF-BB (2 µg/lane) on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained using Coomassie® Blue showing a single bands at 13 kDa and 28 kDa, respectively, and purity greater than 96%.

Recombinant Human PDGF-BB



Determined by a cell proliferation assay using mouse Balb/c 3T3 cells. The ED₅₀ for this effect is typically 1-3 ng/mL