

Recombinant Human PDGF α

Catalog Number: HZ-1215

HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species: human	Purity: >95%	Formulation: 10 mM HOAc, See Certificate of Analysis for details
Expression: HEK293	Endotoxin: <1 EU/ μ g	Gene ID: 5154
Activity: Typically \leq 10 ng/mL EC50	Molecular Mass: 35, 40 and 45 kDa, homodimer, glycosylated	

Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 10 mM HOAc containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

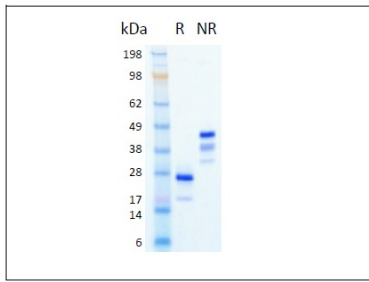
Product Description

Animal-free Recombinant Human PDGF α is expressed in human 293 cells as a mixture of pro-dimers, pro-mature and mature dimers with an apparent molecular mass of 35 to 45 kDa. The cytokine is produced in a human cell expression system with serum free, chemically defined media.

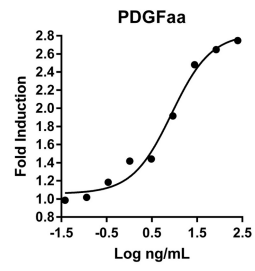
Synonyms

PDGF 1, PDGF A, PDGF subunit A, PDGF1, PDGFA, PDGF α

Selected Validation Data



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.



The activity was determined by the dose-dependent stimulation of the proliferation of 3T3 cells using the Promega CellTiter96® Aqueous Non-Radioactive Cell Proliferation Assay.