

Catalog Number: HZ-1215

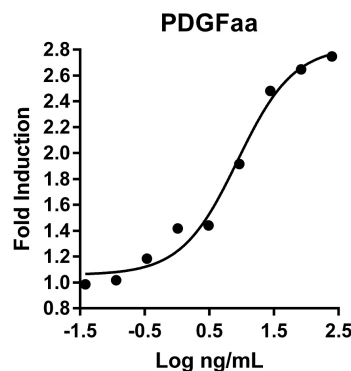
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 25 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	35, 40 and 45 kDa, homodimer, glycosylated
Formulation	10 mM HOAc, See Certificate of Analysis for details
Gene ID	5154



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.

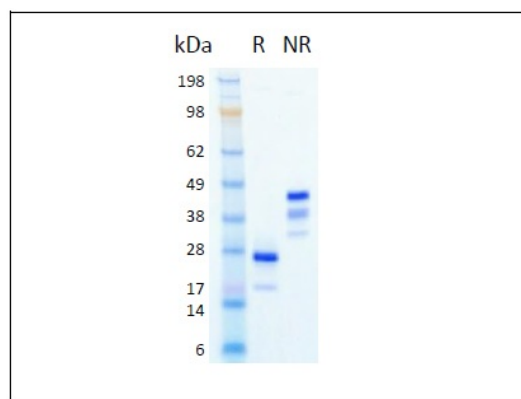
Product Description

Animal-free Recombinant Human PDGF $\alpha\alpha$ 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

Platelet-Derived Growth Factor-AA, Glioma-derived growth factor (GDGF), Osteosarcoma-derived Growth Factor (ODGF) Platelet-Derived Growth FactorAA, Platelet-Derived Growth Factor AA,

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.



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

For technical support and original validation data for this product please contact:

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