

Recombinant Human PDGF $\alpha\alpha$

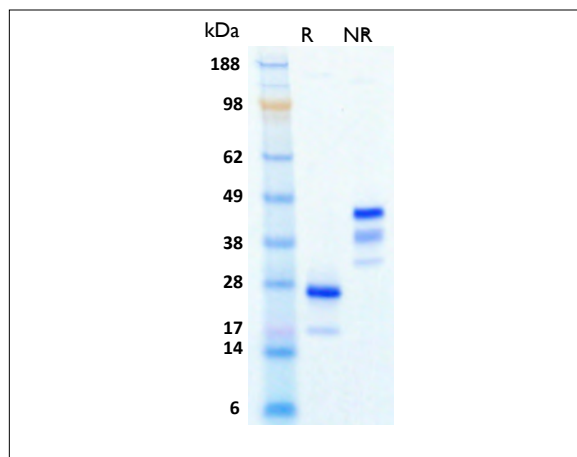
Product Description

- Endotoxin-free*
- Animal-derived product free
- Available in Bulk
- High Stability

Xeno-free PDGF $\alpha\alpha$ ^{HuXp} 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.



All HumaXpress[®] HumanKine[™] cytokines are animal-component-free and Xeno-free[™]



Typical Specifications

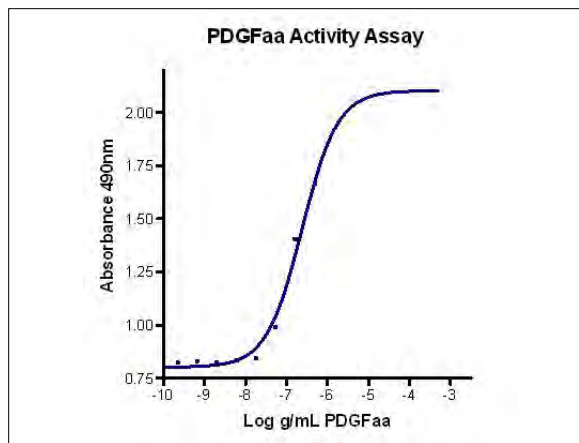
Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 25 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	35, 40 and 45 kDa, homodimer, glycosylated
Formulation	10 mM HOAc

Purity Confirmation

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

Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of 3T3 cells.



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).

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