

**Recombinant Human
FGF-4 (Fibroblast Growth Factor 4)**

Catalog # (Size): HZ-1218 (10µg) HZ-1219 (100µg) HZ-1220 (1000µg)

Product Description

- Endotoxin-free
- Animal-derived product free
- High Activity
- Authentic Glycosylation

Xeno-free FGF-4^{HuXp} is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 17 and 27 kDa. This cytokine is produced in a human cell expression system with serum-free, chemically defined media. Authentic glycosylation contributes to stability in cell growth media and other applications. FGF-4 plays an important physiological role in the self-renewal of human embryonic stem cells. It also promotes stem cell proliferation. Furthermore, FGF-4 may also aid differentiation which additionally relies on context and concentration. The cytokine is greater than 95% pure.

Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 1.25 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	17 and 27 kDa, monomer, glycosylated
Formulation	1x PBS

Purity Confirmation

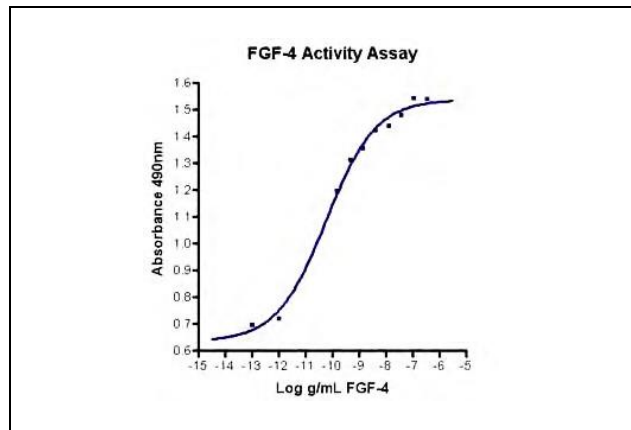
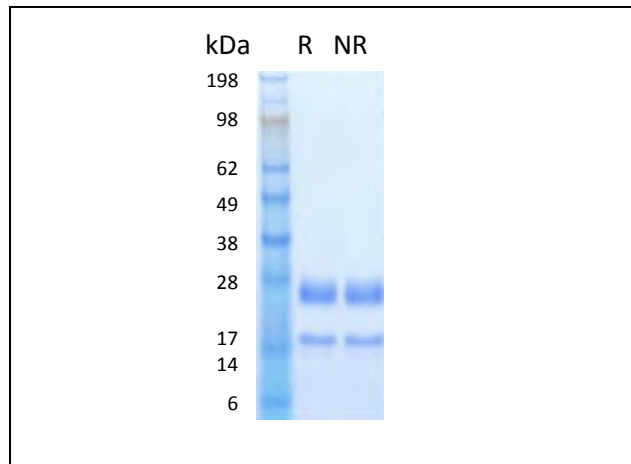
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of the Balb/3T3 cell line.



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



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1x PBS.

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