

**Recombinant Human
FGF-7 (KGF) (Fibroblast Growth Factor 7 (Keratinocyte Growth Factor))**

Catalog # (Size): HZ-1100 (10µg) HZ-1106 (100µg) HZ-1171 (1000µg)

Product Description

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



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

Xeno-free FGF-7 (KGF)^{HuXp} is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 17 and 30 kDa. FGF-7 appears to act on epithelial cells. It also seems to motivate and stimulate proliferation, migration, and differentiation of these cells. It plays a significant role in development, morphogenesis, wound healing, angiogenesis, and tumorigenesis. 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.

Typical Specifications

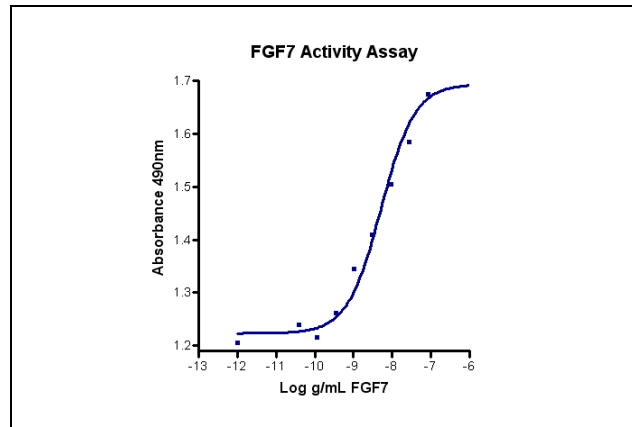
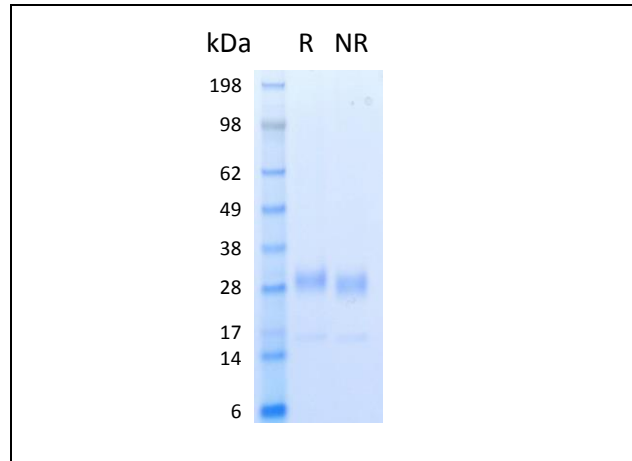
Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 7.5 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	17 and 30 kDa, monomer, glycosylated
Formulation	1x PBS

Purity Confirmation

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

Activity Assay

The specific activity was determined by the dose-dependent stimulation of the proliferation of 4MBr-5 cells (monkey epithelial cell line).



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1x PBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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