

**Recombinant Human  
FGF-8b (Fibroblast Growth Factor – 8b)**

Catalog # (Size):    HZ-1103 (10µg)    HZ-1104 (100µg)    HZ-1105 (1000µg)

**Product Description**

- Endotoxin-free
- Animal-derived product free
- Available in Bulk
- Authentic Glycosylation

Xeno-free FGF-8b<sup>HuXp</sup> is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 30 to 45 kDa. This wide molecular mass is due to glycosylation, which is absent when this cytokine is expressed in E. coli. Production in human 293 cells offers authentic glycosylation. Glycosylation contributes to stability in cell growth media and other applications. The cytokine is greater than 95% pure.

**Typical Specifications**

<b>Species</b>	Human
<b>Expression</b>	HEK293 Cell Expressed
<b>Activity</b>	Typically ≤ 60 ng/mL EC <sub>50</sub>
<b>Purity</b>	>95%
<b>Endotoxin</b>	<1 EU/µg
<b>Molecular Mass</b>	30 to 45 kDa, monomer, glycosylated
<b>Formulation</b>	10 mM Tris-HCl pH 7.4 + 800 mM NaCl

**Purity Confirmation**

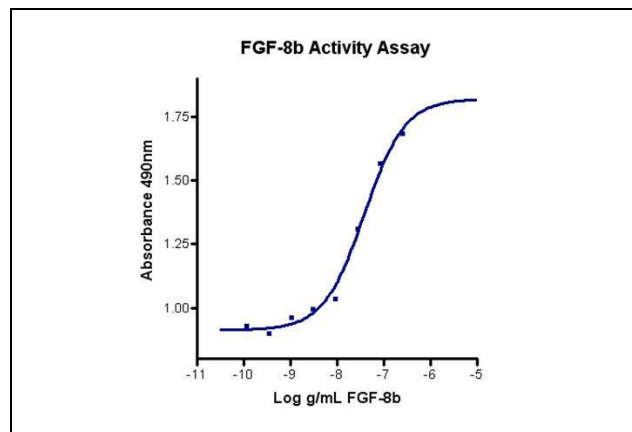
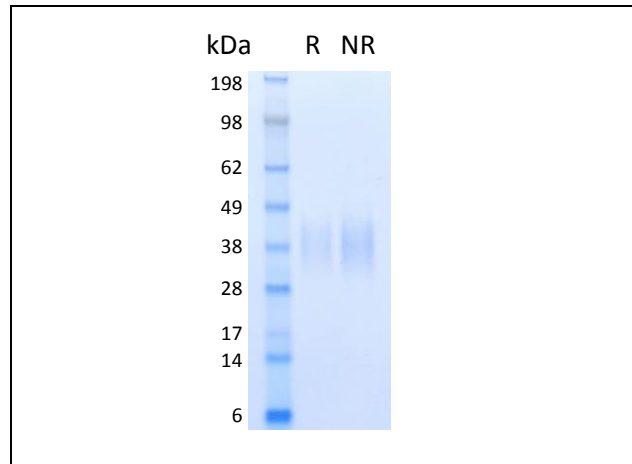
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

**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 water containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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