

Recombinant Human FGF-8b

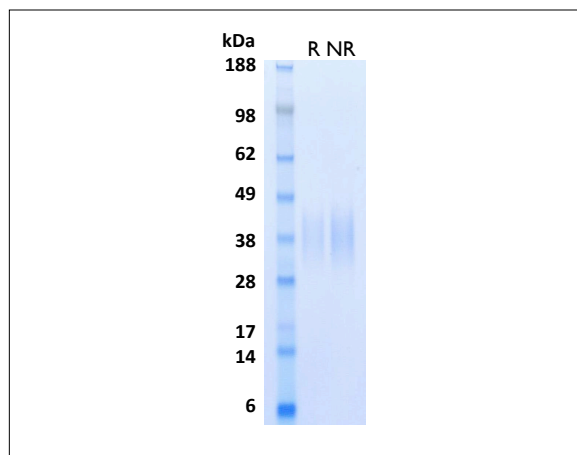
Product Description

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

Xeno-free FGF-8b^{HuXp} 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.



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



Typical Specifications

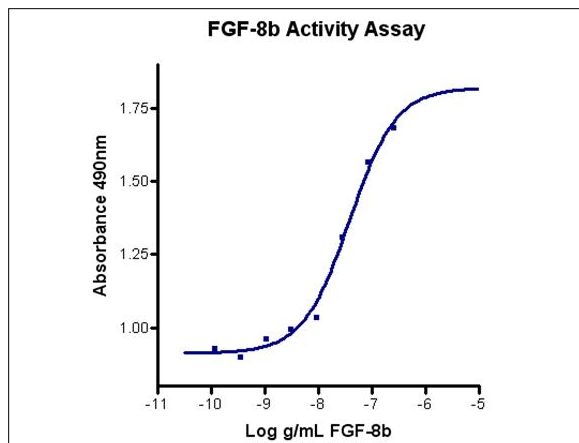
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|-----------------------|--|
| Species | Human |
| Expression | HEK293 Cell Expressed |
| Activity | Typically ≤ 60 ng/mL EC ₅₀ |
| Purity | >95% |
| Endotoxin | <1 EU/ μ g |
| Molecular Mass | 30 to 45 kDa, monomer, glycosylated |
| Formulation | 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.



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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