

Recombinant Human FGF-8b

Catalog Number: **HZ-1103**

HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 10 ng/mL EC50
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, See Certificate of Analysis for details
Gene ID	2253

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).

Stability and Storage

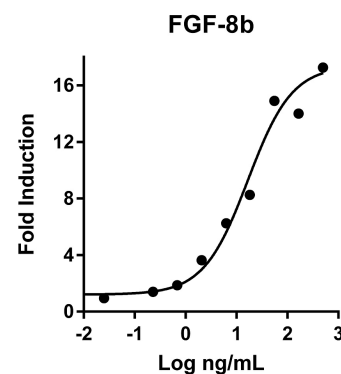
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

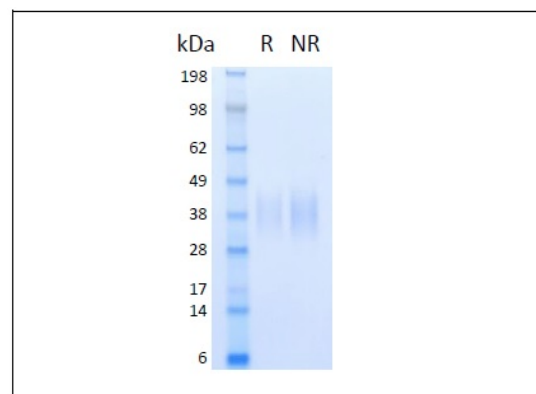
Animal-free Recombinant Human FGF-8b is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 30 to 45 kDa. This wide molecular mass is due to glycosylation, which is absent when this cytokine is expressed in E. coli. Production in human 293 cells offers authentic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

Synonyms

Fibroblast Growth Factor-8, FGF-8, AIGF, HBGF FGF 8b, FGF8b, Fibroblast Growth Factor 8, Fibroblast Growth Factor8, FGF 8, FGF8, FGF-8b



The activity was determined by the dose-dependent stimulation of the proliferation of the Balb/3T3 cell line using the Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

For technical support and original validation data for this product please contact:

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