

Recombinant Human FGF Basic-TS

Catalog Number: **HZ-1285**

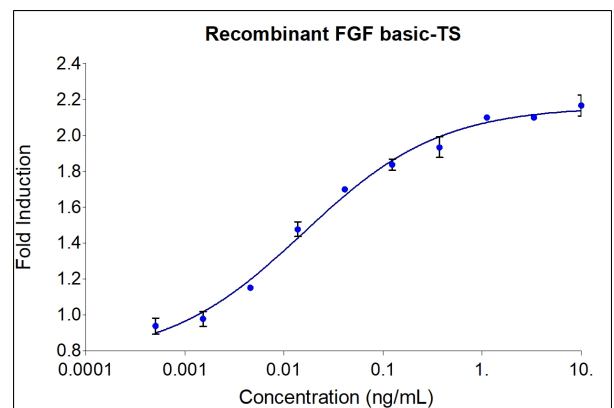
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	Typically ≤ 0.5 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	17 kDa, monomer, non-glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	2247



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

Reconstitution Buffer

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

Stability and Storage

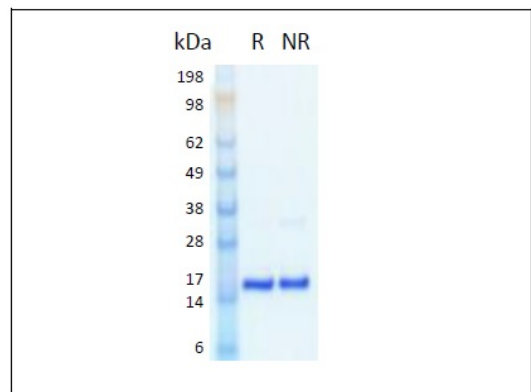
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted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

Product Description

Recombinant human FGFbasic-TS[™] is expressed in human 293 cells. FGFbasic is a heparin-binding growth factor and critical for human embryonic stem cells to remain in an undifferentiated state during cell culture. FGFbasic-TS[™] is a protein engineered FGFbasic to enhance its thermo-stability without modification of biological function. FGFbasic-TS[™] consists of 154 amino acids as a 17 kDa, non-glycosylated monomer.

Synonyms

Basic fibroblast growth factor, BFGF, FGF basic, FGF basic-TS, FGF2, FGFB, FGFbasic, FGFbasic-TS, HBGF 2



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

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

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