

Catalog Number: HZ-1285

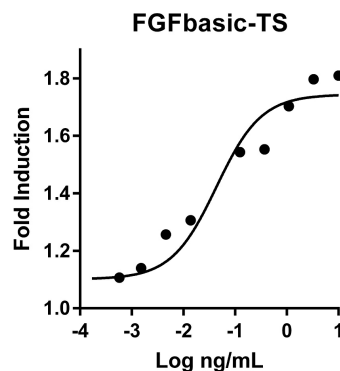
HEK293 expressed

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



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).

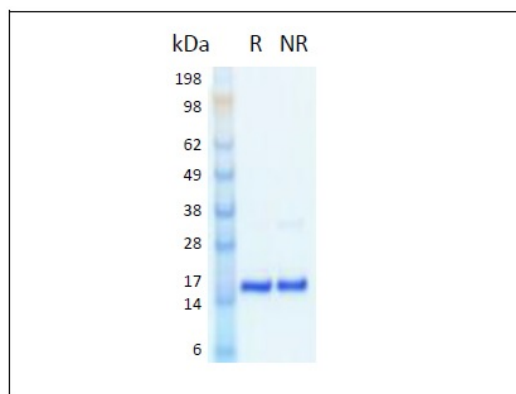
The activity was determined by the dose-dependent stimulation of the proliferation of the Balb/c 3T3 cell line using Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay

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 thermostability without modification of biological function. FGFbasic-TS[™] consists of 154 amino acids as a 17 kDa, non-glycosylated monomer.



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.

Synonyms

Fibroblast Growth Factor-basic, FGF-2, HBGF-2, Prostatropin FGFbasicTS, FGFbasic TS, FGF2, FGF 2, HBGF2, HBGF, FGFbasic-TS

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

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