

Catalog Number: HZ-1161

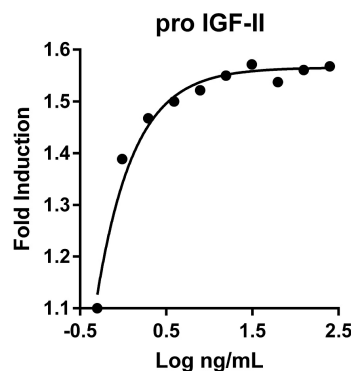
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 50 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	25 kDa, monomer, glycosylated
Formulation	10 mM Tris-HCl pH 7.4 + 350 mM NaCl, See Certificate of Analysis for details
Gene ID	3481



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).

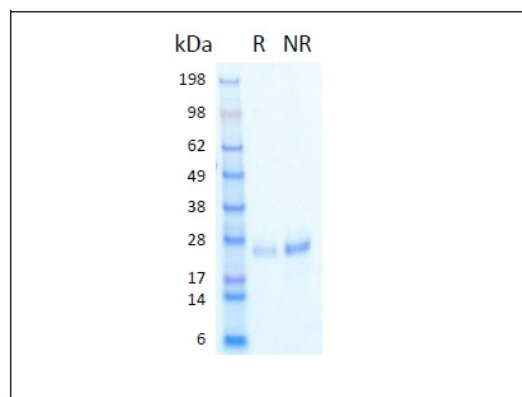
The activity was determined by the dose-dependent stimulation of the proliferation of MCF-7 cells (human breast cancer cell line) using the Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

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

Animal-free Recombinant Human pro-IGF-II is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 25 kDa. Glycosylation contributes to stability in cell growth media and other applications. IGF-II expressed in *E. coli* is typically 7.5 kDa and nonglycosylated. This cytokine is produced in a human cell expression system with serum-free, chemically defined media.



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

proIGFII, pro IGF II

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

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