

Recombinant Human HGF

Catalog Number: **HZ-1084**

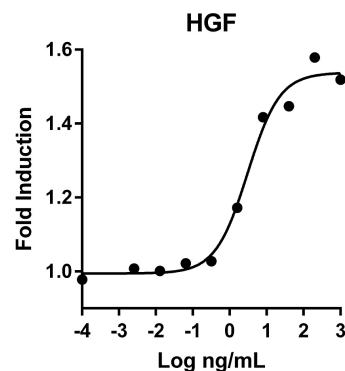
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	Typically ≤ 20 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	70 kDa, single chain, glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	3082



The activity was determined by the dose-dependent stimulation of the proliferation of the monkey epithelial cell line 4MBr-5 using Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

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

Animal-free Recombinant Human HGF is expressed in human 293 cells and has an apparent molecular mass of 70 kDa. The molecular mass of HGF is lower compared to the reported range for this cytokine expressed in NS0 cells (70 to 80 kDa) which emphasizes the difference in post translational modifications. HGF is produced in a serum-free, chemically defined media. HGF is a mesenchymally derived protein mitogen for mature parenchymal hepatocyte cells and acts as a growth factor for a broad spectrum of tissues and cell types.



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

Synonyms

F TCF, Hepatocyte growth factor, Hepatopoeitin A, HGF, HGFB, HPTA, Scatter factor, SF

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

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