


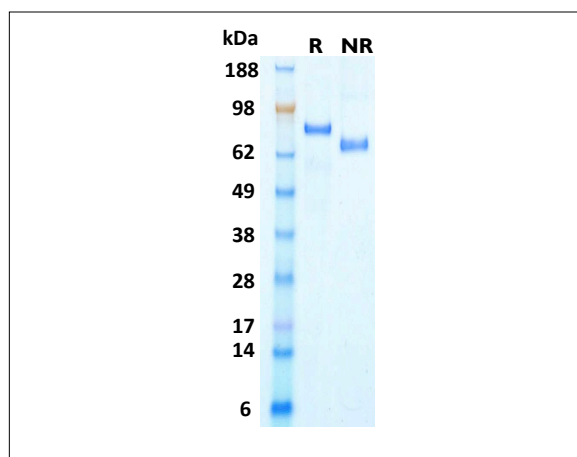
## Recombinant Human HGF (Hepatocyte Growth Factor)

### Product Description

- Endotoxin-free
- Animal-derived product free
- Available in Bulk
- Lyophilized and Carrier Free (CF)
- Authentic Glycosylation

Xeno-free 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.

™ All HumaXpress® HumanKine™ cytokines are animal-component-free and Xeno-free™



### Typical Specifications

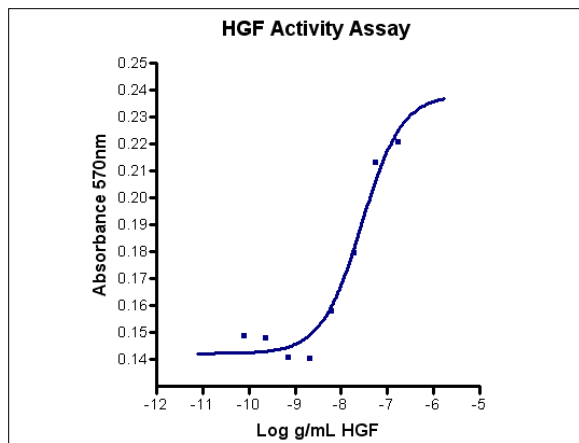
**Species** Human  
**Expression** HEK293 Cell Expressed  
**Activity** Typically  $\leq 20$  ng/mL EC<sub>50</sub>  
**Purity** >95%  
**Endotoxin** <1 EU/ $\mu$ g  
**Molecular Mass** 70 kDa, single chain, glycosylated  
**Formulation** 1x PBS

### Purity Confirmation

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

### Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of the monkey epithelial cell line 4MBr-5.



### 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).

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