


**Recombinant Human  
HGF**

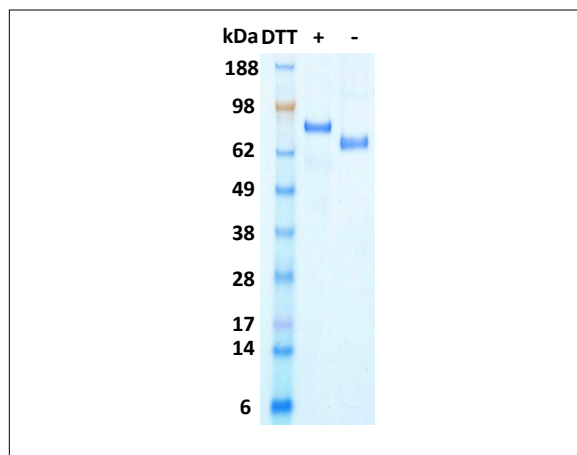
**HGF HumaXpress**

**Product Description**

- Endotoxin-free\*
- Animal-derived product free
- Available in Bulk
- High Activity
- Authentic Glycosylation

Xeno-free HGF<sup>HuXp</sup> is expressed in human 293 cells and has an apparent molecular mass of 70 kDa. The molecular mass of HGF<sup>HuXp</sup> 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<sup>HuXp</sup> is produced in a serum-free, chemically defined media.

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



**Typical Specifications**

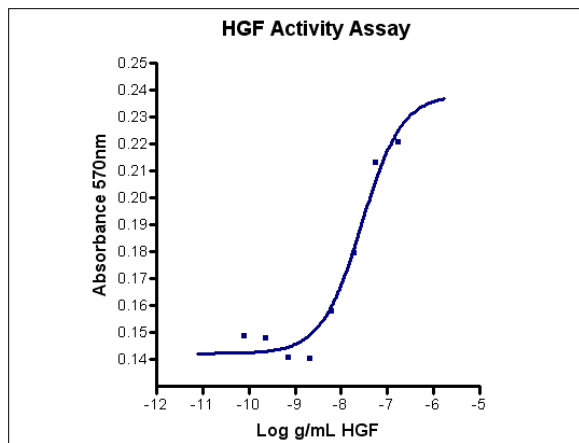
**Species** Human  
**Expression** Human Cell Expressed  
**Activity** 10 to 50 ng/mL ED50  
**Purity** >95%  
**Endotoxin** Endotoxin-free\*  
**Molecular Mass** 70 kDa, single chain, glycosylated

**Purity Confirmation**

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

**Activity Assay**

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



\* Endotoxin-free ... <1 EU/μg  
 All HumanKine™ cytokines are expressed in the HumaXpress® human cell expression system and intrinsically have low endotoxin levels.

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