

HGF, human recombinant protein
Scatter Factor (SF), Hepatopoietin (HPTA), HGF, HGFB, F-TCF
Catalog # PBV10292r

Specification

HGF, human recombinant protein - Product info

Primary Accession [P14210](#)
Calculated MW **80.017 kDa KDa**

HGF, human recombinant protein - Additional Info

Gene ID **3082**
Gene Symbol **HGF**
Other Names
Scatter Factor (SF), Hepatopoietin (HPTA), HGF, HGFB, F-TCF

Gene Source **Human**
Source **CHO cells**
Assay&Purity **SDS-PAGE; ≥97%**
Assay2&Purity2 **HPLC; ≥97%**
Recombinant **Yes**
Results **20-40 ng/ml.**
Target/Specificity
HGF

Application Notes

It is recommended to reconstitute the lyophilized Hepatocyte Growth Factor (HGF) in sterile 18MΩ-cm⁻¹ H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Format

Lyophilized protein

Storage

-20°C; The protein was lyophilized from a concentrated (1mg/ml) solution containing PBS pH 7.4 containing 0.05% Tween 20 and 100 mM L-arginine.

HGF, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

HGF, human recombinant protein - Images**HGF, human recombinant protein - Background**

Hepatocyte Growth Factor (HGF) is a multifunctional growth factor which regulates both cell growth and cell motility. It exerts a strong mitogenic effect on hepatocytes and primary epithelial cells. HGF synergizes with Interleukin-3 and GM-CSF to stimulate colony formation of hematopoietic progenitor cells in vitro and may, therefore, also modulate hematopoiesis.

HGF Human Recombinant produced in CHO is a heterodimer, non-glycosylated, polypeptide chain consisting an α -chain of 463 amino acids and β -chain of 234 having a total molecular mass of 80.017 kDa. The HGF is purified by proprietary chromatographic techniques.