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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} H_2O 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 Cytomety

- 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.