

RP00650

Leader in Biomolecular Solutions for Life Science



Recombinant Human HGF/Hepatocyte Growth Factor Protein

Catalog No.: RP00650 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3082	P14210

Tags

C-His

Synonyms

HGF;DFNB39;F-TCF;HGFB;HPTA;SF

Background

Hepatocyte growth factor/scatter factor (HGF/SF) is a paracrine cellular growth, motility and morphogenic factor. It belongs to the peptidase S1 family and Plasminogen subfamily, contains 4 kringle domains, 1 PAN domain and 1 peptidase S1 domain. HGF regulates cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. HGF is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell motility, and matrix invasion gives it a central role in angiogenesis, tumorigenesis, and tissue regeneration.

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

Basic Information

Description

Recombinant Human HGF/Hepatocyte Growth Factor Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Gln32-Ser728) of human HGF/Hepatocyte Growth Factor (Accession #P14210) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

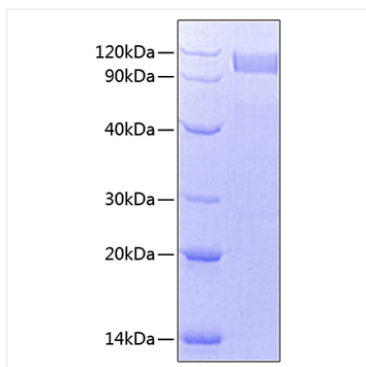
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human
HGF/Hepatocyte Growth Factor
Protein was determined by SDS-
PAGE under reducing conditions with
Coomassie Blue.