

Human HGF Protein, His tag (Animal Free)

Cat #: PRP1950

Size: 50 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human HGF Protein, His tag (Animal Free)		
REF	Catalog Number: PRP1950	LOT	Lot Number: Refer to product label
	Purity: > 90 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: HEK293
	Shipping: The product is shipped at ambient temperature.		

Background: Hepatocyte Growth Factor (HGF) activates c-Met receptor's tyrosine kinase cascade, influencing cell growth and motility. Originating from mesenchymal cells, HGF is a multifunctional cytokine that plays a central role in angiogenesis, tumorigenesis, and tissue regeneration. Initially secreted as an inactive polypeptide, HGF undergoes cleavage to become an active heterodimeric molecule. The gene exhibits alternative splicing, resulting in diverse isoforms. HEK293 cell.

Sequence: Amino acid sequence derived from Human HGF (Gln32-Ser728) (P14210) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human HGF protein consists of 697 amino acids and predicts a molecular mass of 80.48 KDa.

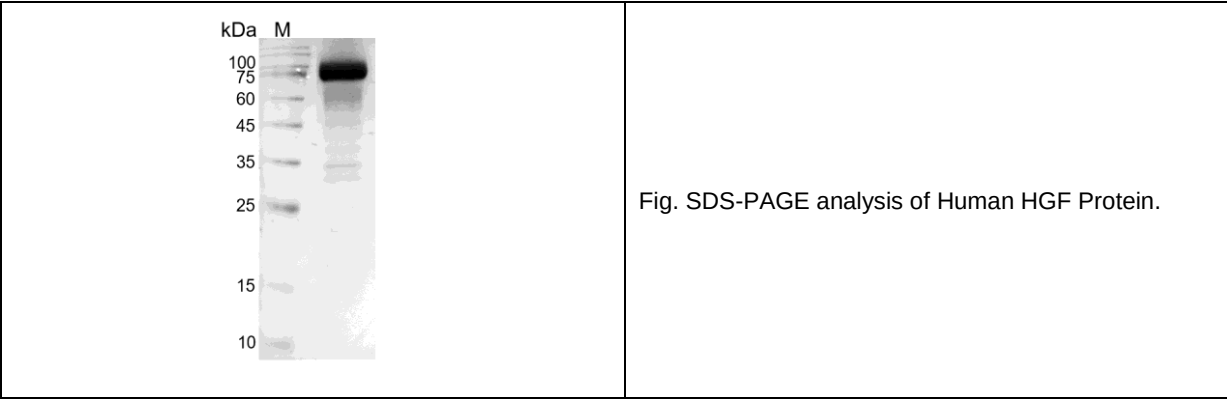
Biological Activity: Testing in progress.

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile PBS, pH 7.4.

Storage Instructions: Lyophilized recombinant Human HGF Protein product should be stored desiccated below -20°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA or 10% FBS). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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