

Recombinant Human HGF Protein

v. 240101

Catalog number	C01197-5UG / C01197-20UG / C01197-100UG
Package	5 µg / 20 µg / 100 µg
Description	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.
Expression System	HEK293
Sequence	Gln 32-Ser 728
Species of Origin	Human
Affinity Tag	His Tag (C-term)
Purity	>90% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none">• -20°C for 12 months in lyophilized state from date of receipt.• -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human HGF

For research use only.