Recombinant Human HGF Protein, None-tagged, FITC conjugated

Cat. No. HGF-872HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant human HGF (NP_000592.3) precursor (Met 1-Ser 728), fused with no tag, was produced in CHO Stable Cells.
Species	Human
Source	CHO
ProteinLength	697
Form	Lyophilized
Molecular Mass	The secreted recombinant human HGF consists of 697 amino acids after cleavage of the signal peptide and has a predicted molecular mass of 79.7 kDa. The HGF single chain can be processed into the active form of disulfide-linked heterodimer of α and β chain. As a result of glycosylation, it migrates with the apparent molecular mass of 90, 60 and 34 kDa corresponding to the single chain, α chain and β chain respectively in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

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	Emission Wavelength: 535 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	HGF hepatocyte growth factor (hepapoietin A; scatter factor) [Homo sapiens]
Official Symbol	HGF
Gene ID	3082
mRNA Refseq	NM_000601
Protein Refseq	NP_000592
MIM	142409
UniProt ID	P14210

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