# Recombinant Human HGF Protein, None-tagged, Alexa Fluor 647 conjugated

**Cat. No.** HGF-872HAF647 **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Alexa Fluor 647 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<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **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** | Alexa Fluor 647 |

## 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 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA