

## Recombinant Human HGF, None tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HGF (NP_000592.3) precursor (Met 1-Ser 728), fused with no tag, was produced in CHO Stable Cells.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	1-728 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Molecular Mass</b>	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 $\alpha$ and $\beta$ chain. As a result of glycosylation, it migrates with the apparent molecular mass of 90, 60 and 34 kDa corresponding to the single chain, $\alpha$ chain and $\beta$ chain respectively in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per $\mu$ g of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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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