

Recombinant Human HGF, His tagged

Cat. No. HGF-364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HGF precursor (Met 1-Ser 728) (NP_000592.3), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-728 a.a.
Form	Lyophilized from sterile 20mM NaH ₂ PO ₄ , 500mM NaCl, pH 7.0
Molecular Mass	The secreted recombinant human HGF consists of 708 amino acids after cleavage of the signal peptide and predicts a molecular mass of 81 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 per μ g of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

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

 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