

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.

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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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