

Active Recombinant Human HGF Protein, Low Endotoxin

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

SPECIFICATION

Product Overview	Active Recombinant Human HGF Protein(P14210)(α chain: 32-494 aa & β chain: 495-728 aa) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	α chain: 32-494 aa & β chain: 495-728 aa
Form	PBS, 5% Mannitol and 0.01% Tween 80, pH7.4
Bio-activity	Measured by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED50 for this effect is ≤ 2.5 ng/ml. The bioactivity was higher than the other competing product.
Molecular Mass	53.7 kDa (α chain), 26 kDa (β chain)
Endotoxin	≤ 10 EU/mg by the LAL method.
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining).
Storage	36 months at -20°C to -80°C in lyophilized state; 6 months at -20°C to -80°C under sterile conditions after reconstitution; 7-10 days at 2°C to 8°C under sterile conditions after reconstitution; Use a manual defrost freezer and avoid repeated freeze-thaw

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cycles.

Reconstitution

It is recommended to redissolve in sterile deionized water.

GENE INFORMATION

Gene Name

HGF hepatocyte growth factor (hepapoietin A; scatter factor) [Homo sapiens]

Official Symbol

HGF

Synonyms

HGF; hepatocyte growth factor (hepapoietin A; scatter factor); deafness, autosomal recessive 39 , DFNB39; hepatocyte growth factor; F TCF; fibroblast derived tumor cytotoxic factor; hepatopoietin A; HGFB; HPTA; lung fibroblast derived mitogen; scatter factor; SF; hepatopoeitin-A; hepatopoietin-A; lung fibroblast-derived mitogen; fibroblast-derived tumor cytotoxic factor; F-TCF; DFNB39;

Gene ID

3082

mRNA Refseq

NM_000601

Protein Refseq

NP_000592

MIM

142409

UniProt ID

P14210

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