

Recombinant Human HGF protein, Fc-tagged

Cat. No. HGF-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HGF Protein is expressed from mammalian with a Fc Tag at the C-terminal. It contains Gln32-Ser728.
Species	Human
Source	HEK293
ProteinLength	Gln32-Ser728
Description	Hepatocyte growth factor(HGF) is an important component of the pathophysiology of IR, with increased levels in most common IR conditions, including obesity. HGF has a role in the metabolic flux of glucose in different insulin sensitive cell types; plays a key role in β -cell homeostasis; and is capable of modulating the inflammatory response.
Form	Supplied as 0.22 μ m filtered solution in 20mM MES, 250mM Arginine, 150mM NaCl, 10% Glycerol, pH7.0 .
Molecular Mass	The HGF single chain can be processed into the active form of disulfide-linked heterodimer of α and β chain.The protein has a predicted MW of 53.6 KDa (α chain)/51.7 KDa(β chain). Due to glycosylation, the protein migrates to 115, 65 and 60 kDa corresponding to the single chain, α chain and β chain based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μ g by the LAL method.

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Purity >95% as determined by Bis-Tris PAGE

Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name HGF

Official Symbol HGF

Synonyms MET, AUTS9, HGFR, RCCP2, c-Met

Gene ID 3082

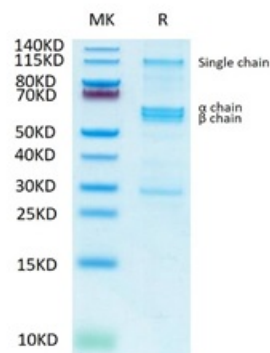
mRNA Refseq NM_000601.6

Protein Refseq NP_000592.3

MIM 142409

UniProt ID P14210

**Tris-Bis PAGE of
HGF-210H**



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