

Active Recombinant Human HGF Protein, His-tagged, Low Endotoxin

Cat. No. HGF-11097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human HGF Protein(P14210-1)(Gln32-Ser728) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	32-728 aa
Form	Lyophilized from 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human HGF, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human HGF R, hFc Tag with the EC50 of 9.9ng/ml determined by ELISA.
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 79.6 kDa (after cleavage of the signal peptide). Due to glycosylation, the protein migrates to 60-65 kDa and 30-40 kDa corresponding to α chain and β chain based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

 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

Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
----------------	---

Reconstitution	Dissolve the lyophilized protein in distilled 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
------------	--------

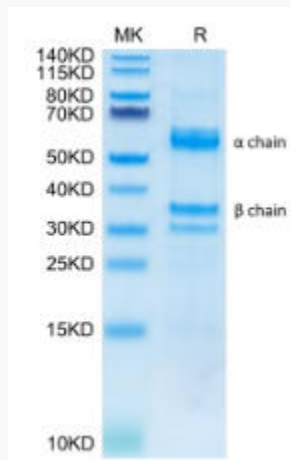
UniProt ID	P14210
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

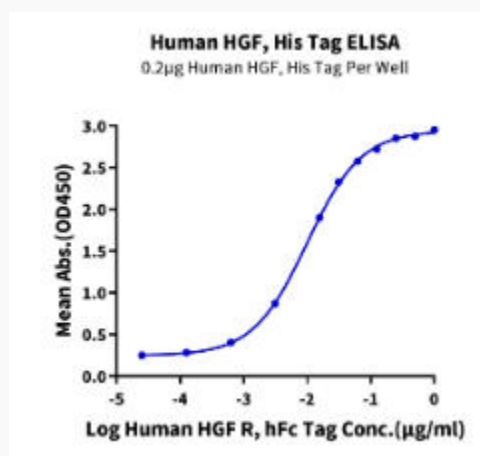
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE



ELISA Data



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