

# Human HGF R/c-MET Protein

HA210187



<b>Product name:</b>	Human HGF R/c-MET Protein
<b>Species reactivity:</b>	Human
<b>Protein construction description:</b>	Recombinant Human HGF R/c-MET Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.; It contains Glu25-Thr932.[Accession   P08581-1]
<b>Background:</b>	c-Met, also called tyrosine-protein kinase Met or hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. The protein possesses tyrosine kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1.
<b>Purity:</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Endotoxin:</b>	Less than 1 EU per µg by the LAL method.
<b>Source:</b>	HEK293
<b>Accession:</b>	P08581-1
<b>Predicted molecular mass:</b>	The mature form of HGF R is a heterodimer which can be cleaved into α and β chain. The protein has a predicted MW of 32.5 kDa (α chain) and 72.1 kDa (β chain). Due to glycosylation, the protein migrates to 45-60 kDa (α subunit) and 80-100 kDa (β subunit) based on Tris-Bis PAGE result.
<b>Formulation:</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution:</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage:</b>	-20 to -80°C for 12 months as supplied from date of receipt; -80°C for 3-6 months after reconstitution.; 2-8°C for 2-7 days after reconstitution.; Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

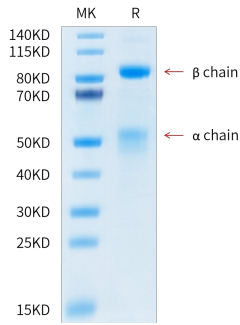
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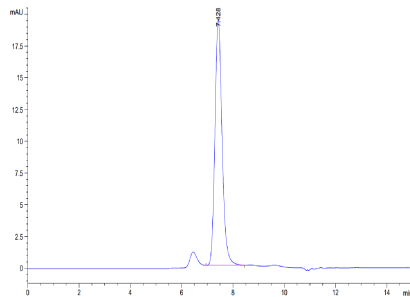
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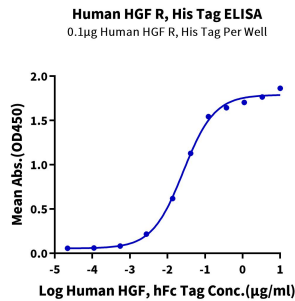
Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation



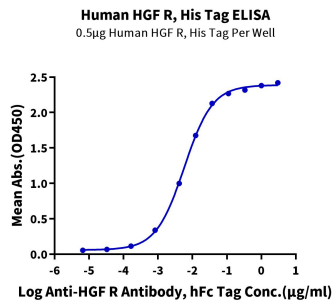
**Fig1:** Human HGF R on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



**Fig2:** The purity of Human HGF R is greater than 95% as determined by SEC-HPLC.



**Fig3:** Immobilized Human HGF R, His Tag at 1 µg/ml (100 µl/Well). Dose response curve for Human HGF, hFc Tag with the EC<sub>50</sub> of 26.3 ng/ml determined by ELISA (QC test).



**Fig4:** Immobilized Human HGF R, His Tag at 5 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-HGF R Antibody, hFc Tag with the EC<sub>50</sub> of 5.8 ng/ml determined by ELISA.

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**Note:** All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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