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## Recombinant

Species	Gene ID	Swiss Prot
Human	4233	P08581

C-His

HGFR; AUTS9; RCCP2; c-Met;  
DFNB97; MET; HGFR; hepatocyte growth  
factor receptor; AUTS9; DFNB97; RCCP2; c-  
Met

<b>Source</b>	<b>Purification</b>
HEK293 cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
102.47 kDa	50. 100 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Hepatocyte growth factor receptor (HGFR), also known as c-Met or mesenchymal-epithelial transition factor (MET), is a glycosylated receptor tyrosine kinase (RTK) that has been shown to be overexpressed and/or mutated in a variety of malignancies. Normal HGF/HGFR signaling is essential for embryonic development, tissue repair or wound healing, whereas aberrantly active HGFR has been strongly implicated in tumorigenesis, particularly in the development of invasive and metastatic phenotypes. HGFR protein is a multifaceted regulator of growth, motility, and invasion, and is normally expressed by cells of epithelial origin.

Recombinant Human HGF receptor/c-MET/MET Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu25-Thr932) of human HGF R/c-MET (Accession #NP\_000236.2) fused with a 6×His tag at the C-terminus.

Measured by its binding ability in a functional ELISA. Immobilized recombinant human HGFR at 2 µg/mL (100 µL/well) can bind Rrecombinant human HGF with a linear range of 25-250 ng/mL.

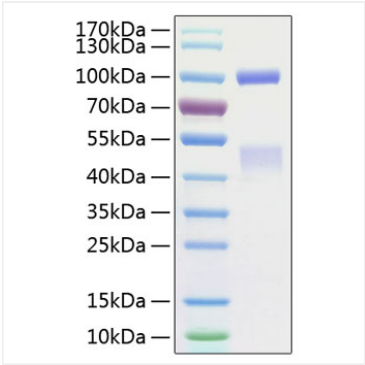
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

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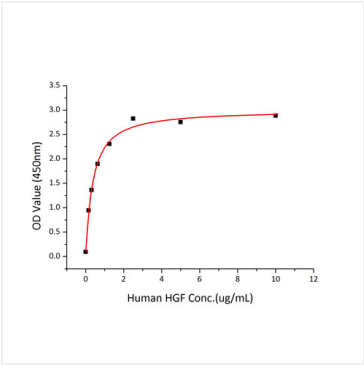
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Validation Data



Recombinant Human HGF receptor/c-MET/MET Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized recombinant human HGFR at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Rrecombinant human HGF with a linear range of 25-250 ng/mL.