Recombinant Human HGF receptor/c-MET/MET Protein

Catalog No.: RP01041

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Sequence Information

Species
Human

Gene ID
4233

Swiss Prot
P08581

Tags
C-His

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

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
102.47 kDa

Observed MW
50, 100 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

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.

Basic Information

Description
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.

Activity
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.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

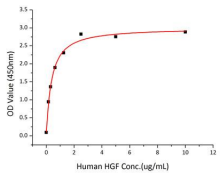
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

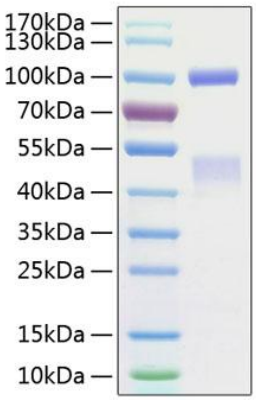
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Validation Data



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.



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