

Biotinylated Recombinant Human HGF receptor/c-MET/MET Protein

Catalog No.: RP00416B

Sequence Information

Species	Gene ID
Human	4233
Swiss Prot	Tags
P08581-1	C-His&Avi

Synonyms

MET; oncogene MET; HGF R; HGF /SF receptor; AUTS9; cMET; Met (c-Met); RCCP2; SF receptor

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
32.5, 72.1 kDa	45-50, 80-90 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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

Background

c-Met, also called tyrosine-protein kinase Met or hepatocyte growth factor receptor (HGF R), 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.

Basic Information

Description

Biotinylated 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 receptor/c-MET/MET (Accession #P08581-1) fused with a C-His&Avi tag at the C-terminus.

Activity

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°C

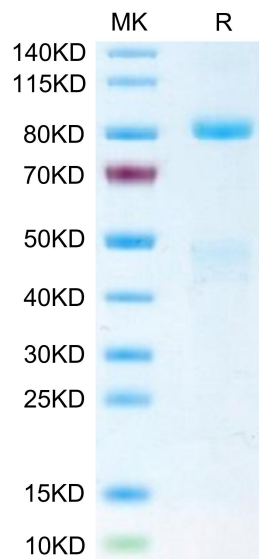
Operational Notes

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

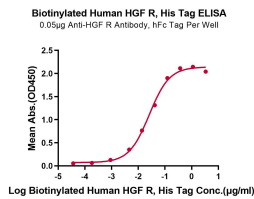
Contact

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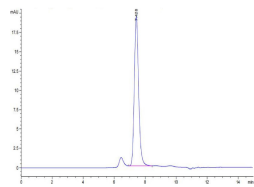
Validation Data



Biotinylated Recombinant Human HGF receptor/c-MET/MET Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Anti-HGF R Antibody, hFc Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human HGF R, His Tag with the EC₅₀ of 25.7ng /mL determined by ELISA.



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