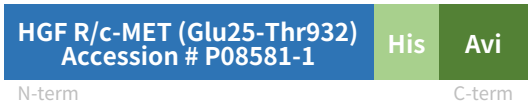
Rev04
Update: Aug,20,2025

DATASHEET

HGF R/c-MET[Biotin], His & Avi, Human

Cat. No.: Z04478

Product Introduction

Species	Human
Protein Construction	
Conjugate	Biotin
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA.Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	32.5 kDa (α chain) and 72.1 kDa (β chain)
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 45-50 kDa and 80-90 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22um filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples

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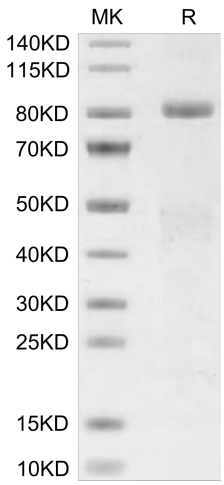
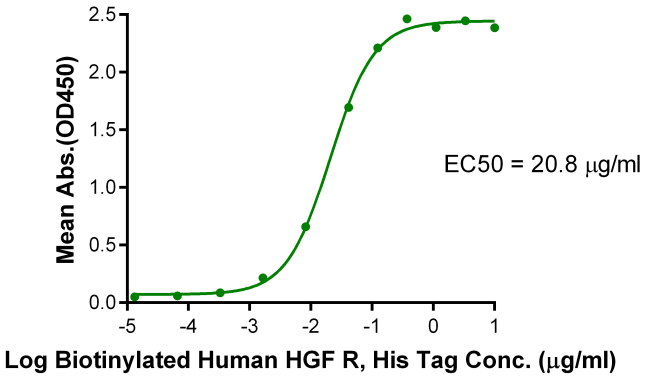
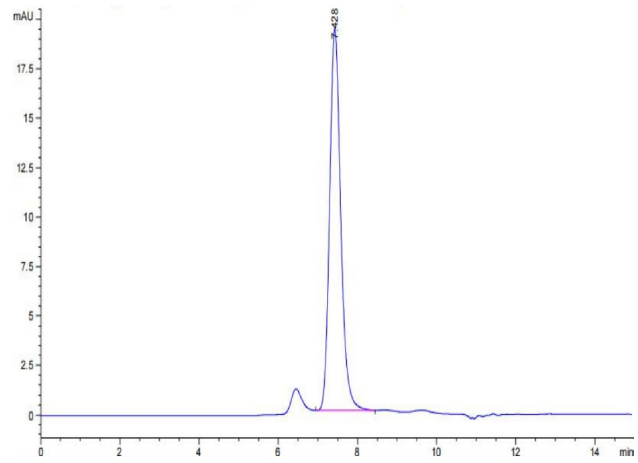


HGF R/c-MET[Biotin], His & Avi, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized Anti-HGF R Antibody, hFc Tag at 0.5 μg/ml (100 μl/well) on the plate. Dose response curve for HGF R/c-MET[Biotin], His & Avi, Human, His Tag with the EC50 of 20.8ng/ml determined by ELISA.



The purity of HGF R/c-MET[Biotin], His & Avi, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : et, 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.

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

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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