

Datasheet for ABIN7275248

c-MET Protein (AA 25-932) (His-Avi Tag)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	c-MET (MET)
Protein Characteristics:	AA 25-932
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This c-MET protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human HGF R/c-MET Protein
Sequence:	Glu25-Thr932
Characteristics:	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.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human HGF R, His Tag at 2µg/ml (100µl/Well). Dose response curve for Human HGF, hFc Tag with the EC50 of 0.16µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	c-MET (MET)
Alternative Name:	HGF R (MET Products)
Background:	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.
Molecular Weight:	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.
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Synaptic Membrane , Signaling of Hepatocyte Growth Factor Receptor

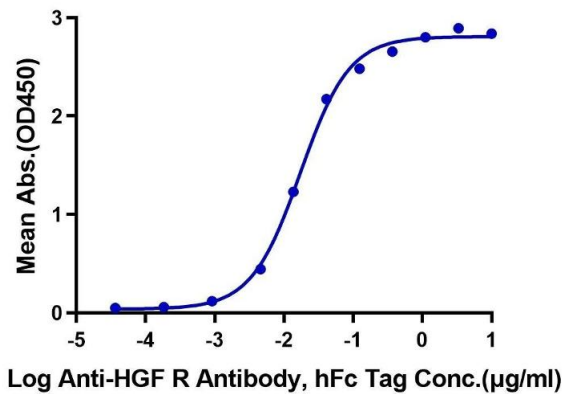
Application Details

Restrictions:	For Research Use only
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Handling

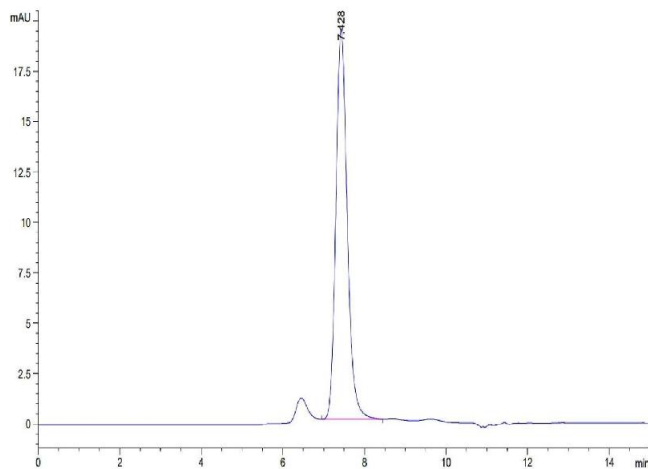
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	-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.
Expiry Date:	12 months

Human HGF R, His Tag ELISA
0.5µg Human HGF R, His Tag Per Well



ELISA

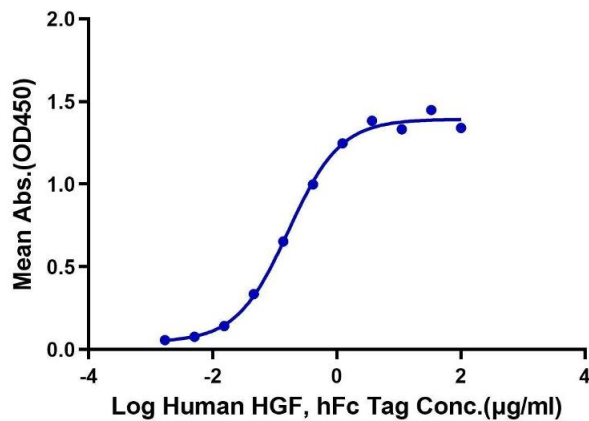
Image 1. Immobilized Human HGF R, His Tag at 5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-HGF R Antibody, hFc Tag with the EC₅₀ of 17.3 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human HGF R is greater than 95 % as determined by SEC-HPLC.

Human HGF R, His Tag ELISA
0.2µg Human HGF R, His Tag Per Well



ELISA

Image 3. Immobilized Human HGF R, His Tag at 2 µg/mL (100 µL/Well). Dose response curve for Human HGF, hFc Tag with the EC₅₀ of 0.16 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7275248.