

Datasheet for ABIN7275247

**c-MET Protein (AA 25-932) (Fc Tag)****4** 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 Fc 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 hFc tag at the C-Terminus. It contains Glu25-Thr932.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human HGF, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human HGF R, hFc Tag with the EC50 of 46.7ng/ml determined by ELISA. See testing image for detail.

## Target Details

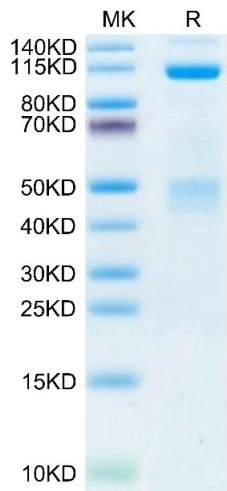
Target:	c-MET (MET)
Alternative Name:	HGF R ( <a href="#">MET Products</a> )
Background:	C-Met, also called tyrosine-protein kinase Met or hepatocyte growth factor receptor (HGF R), is a protein that in humans is encoded by the MET gene. The protein possesses tyrosine kinase activity. The primary single 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. Recruitment of these downstream effectors by MET leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. The RAS-ERK activation is associated with the morphogenetic effects while PI3K/AKT coordinates prosurvival effects. During embryonic development, MET signaling.
Molecular Weight:	32.5 kDa (α chain) and 95.9 kDa (β chain Fc chimera). Due to glycosylation, the protein migrates to 45-55 kDa and 100-120 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a>

## Application Details

Restrictions:	For Research Use only
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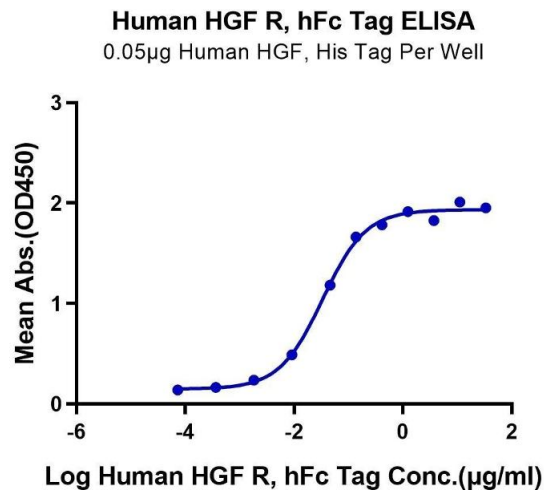
## Handling

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



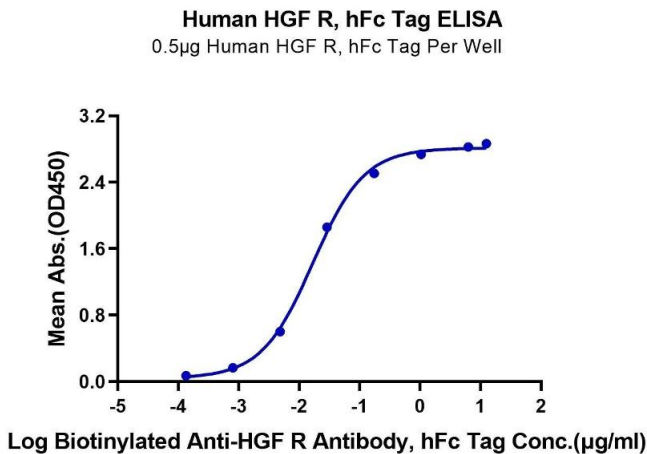
SDS-PAGE

**Image 1.** Human HGF R on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



ELISA

**Image 2.** Immobilized Human HGF, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human HGF R, hFc Tag with the EC50 of 33.3 ng/mL determined by ELISA.



ELISA

**Image 3.** Immobilized Human HGF R, hFc Tag at 5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-HGF R Antibody, hFc Tag with the EC50 of 16.8 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275247.