

Datasheet for ABIN7504353

c-MET Protein (AA 25-931) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	c-MET (MET)
Protein Characteristics:	AA 25-931
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This c-MET protein is labelled with His tag.

Product Details

Purpose:	Mouse HGF R/c-MET Protein
Sequence:	Glu25-Ala931
Characteristics:	Recombinant Mouse HGF R/c-MET Protein is expressed from HEK293 with His tag at the C-terminus. It contains Glu25-Ala931.
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.

Target Details

Target:	c-MET (MET)
Alternative Name:	HGF R (MET Products)

Target Details

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:	32.1 kDa (α chain) and 69.8 kDa (β chain). Due to glycosylation, the protein migrates to 40-50 kDa (α subunit) and 78-98 kDa (β subunit) based on Tris-Bis PAGE result.
UniProt:	P16056
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Synaptic Membrane , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

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 0.22 µm 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