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Datasheet for ABIN7196991
c-MET Protein (Fc Tag)

1 Image

Overview

Quantity:	100 µg
Target:	c-MET (MET)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This c-MET protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse c-MET/HGFR Protein (Fc Tag)(Fc Tag)(Active)
Sequence:	Met 1-Asn 929
Characteristics:	A DNA sequence encoding the mouse MET (NP_032617.2) extracellular domain (Met 1-Asn 929) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 92 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized human HGF at 2 µg/ml (100 µl/well) can bind mouse HGFR with a linear ranger of 1.28-32ng/ml.

Target Details

Target:	c-MET (MET)
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Target Details

Alternative Name: c-MET/HGFR ([MET Products](#))

Background: Background: Hepatocyte growth factor receptor (HGFR), also known as c-Met or mesenchymal-epithelial transition factor (MET), is a receptor tyrosine kinase (RTK) that has been shown to be overexpressed and/or mutated in a variety of malignancies. HGFR protein is produced as a single-chain precursor, and HGF is the only known ligand. Normal HGF/HGFR signaling is essential for embryonic development, tissue repair or wound healing, whereas aberrantly active HGFR has been strongly implicated in tumorigenesis, particularly in the development of invasive and metastatic phenotypes. HGFR protein is a multifaceted regulator of growth, motility, and invasion, and is normally expressed by cells of epithelial origin. Preclinical studies suggest that targeting aberrant HGFR signaling could be an attractive therapy in cancer. Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy

Synonym: AI838057;c-Met;HGF;HGFR;Par4

Molecular Weight: 128 kDa

NCBI Accession: [NP_032617](#)

Pathways: [RTK Signaling](#), [Carbohydrate Homeostasis](#), [Synaptic Membrane](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

Application Details

Restrictions: For Research Use only

Handling

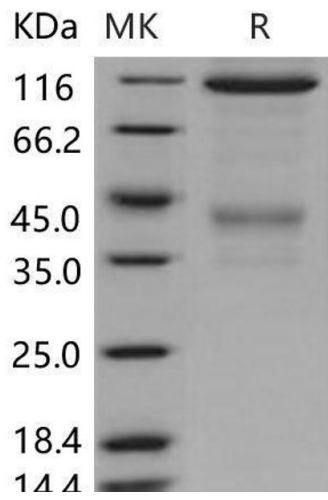
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.