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Datasheet for ABIN7317093

## c-MET Protein (AA 956-1390) (GST tag,His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	c-MET (MET)
Protein Characteristics:	AA 956-1390
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This c-MET protein is labelled with GST tag,His tag.

#### Product Details

Purpose:	Recombinant Human c-MET/HGFR Protein (aa 956-1390, His & GST Tag)(Active)
Sequence:	Lys956-Ser1390
Characteristics:	A DNA sequence encoding the human MET (P08581-1) (Lys956-Ser1390) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	The specific activity was determined to be 10 nmol/min/mg using MBP as substrate.2. Measured by its binding ability in a functional ELISA. Immobilized human HGFR (aa 956-1390) at 10 µg/ml (100 µl/well) can bind biotinylated human HGF-his with a linear range of 15.6-125 ng/ml.

## Target Details

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Target:	c-MET (MET)
Alternative Name:	c-MET/HGFR ( <a href="#">MET Products</a> )
Background:	<p>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.</p> <p>Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy</p> <p>Synonym: AUTS9;c-Met;DFNB97;HGFR;RCCP2</p>
Molecular Weight:	76.8 kDa
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

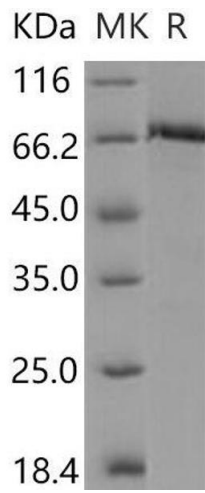
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Restrictions:	For Research Use only
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## Handling

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Format:	Frozen, Liquid
Buffer:	Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol, 3 mM DTT
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.



Western Blotting

Image 1.