Datasheet for ABIN7538392

c-MET Protein (AA 25-932) (Fc Tag)

1 Image

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Overview

Quantity:	50 µg
Target:	c-MET (MET)
Protein Characteristics:	AA 25-932
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This c-MET protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human MET Protein with C-terminal human Fc tag
Specificity:	MET (Glu25-Thr932) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	c-MET (MET)
Alternative Name:	MET (MET Products)
Background:	This gene encodes a member of the receptor tyrosine kinase family of proteins and the product

Target Details

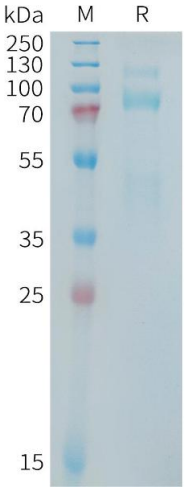
	of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers. [provided by RefSeq, May 2016]
Molecular Weight:	predicted molecular mass of 127.8 kDa after removal of the signal peptide. The apparent molecular mass of MET-hFc is 100-250 kDa due to glycosylation.
UniProt:	P08581
Pathways:	RTK Signaling, Carbohydrate Homeostasis, Synaptic Membrane, Signaling of Hepatocyte Growth Factor Receptor

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human MET Protein, hFc Tag on SDS-PAGE under reducing condition.