

PRODUCT INFORMATION

MET **Target**

Synonyms DA11;HGFR;AUTS9;RCCP2;c-Met;DFNB97

Recombinant human MET Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P08581 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Molecular Weight

Reconstitution

Background

Purity

MET(Glu25-Thr932) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

127.8 kDa after removal of the signal peptide. The apparent molecular mass of MET-hFc is approximately 100-250 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the receptor tyrosine kinase family of proteins and the product 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 celular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various

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head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers. [provided by

RefSeq, May 2016]

Usage Research use only

Conjugate Unconjugated

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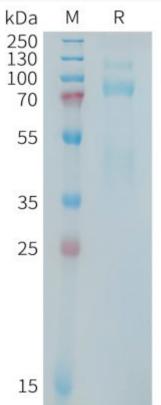


Figure 1. Human MET Protein, hFc Tag on SDS-PAGE under reducing condition.

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