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Datasheet for ABIN7196994
c-MET Protein (His 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 His tag. |

Product Details

| | |
|------------------------------|--|
| Purpose: | Recombinant Mouse c-MET/HGFR Protein (His 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 a polyhistidine tag at the C-terminus. |
| Purity: | > 90 % 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 ability to compete with mouse C-MET for binding to immobilized human HGF in a functional ELISA assay. |

Target Details

| | |
|---------|-------------|
| Target: | c-MET (MET) |
|---------|-------------|

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: 102 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

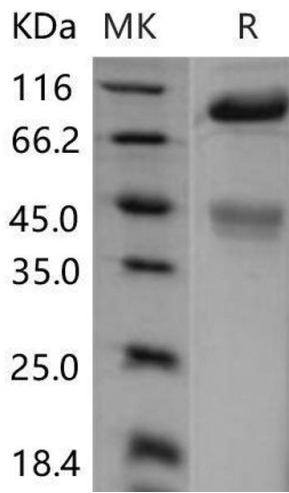
Format: Lyophilized

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.