

c-MET / HGFR recombinant protein

Recombinant Mouse c-MET / HGFR Protein (His tag)

CATALOG #
AAA22100

HOST
HEK293 Cells

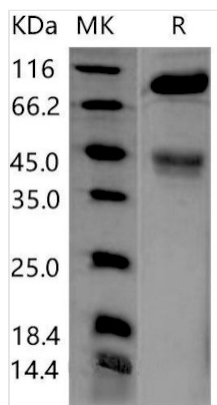
PRODUCT SYNONYMS

c-MET / HGFR; Recombinant Mouse c-MET / HGFR Protein (His tag); A1838057;c-Met;HGF;HGFR;Par4; c-MET / HGFR recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 90 % as determined by reducing SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence	Met1-Asn92 9
Sequence Length	1379
Tag	C-His
Species	Mouse
Endotoxin	< 1.0 EU per ug of the protein as determined by the LAL method
Bioactivity	Immobilized HGF Protein, Mouse, Recombinant at 2 ug/mL (100 uL/well) can bind c-MET Protein, Mouse, Recombinant (ECD, His Tag, the EC50 is 80-400 ng/mL.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 degrees C to -80 degrees C . Reconstituted protein solution can be stored at 4-8 degrees C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degrees C for 3 months.

IMAGES



SDS-PAGE

> 90% as determined by reducing SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for c-MET / HGFR recombinant protein	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 phenotype s. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	146198696
NCBI GeneID	17295
NCBI Accession #	EDL13881.1
NCBI GenBank Nucleotide #	NM_008591.2
UniProt Accession #	P16056; Q62125
Molecular Weight	Calculated molecular weight 102 kDa Observed molecular weight 41.8&87.2 kDa
NCBI Official Full Name	hepatocyte growth factor receptor
NCBI Official Synonym Full Names	met proto-oncogene
NCBI Official Symbol	Met
NCBI Official Synonym Symbols	HGF; HGFR; Par4; c-Met; AI838057
NCBI Protein Information	hepatocyte growth factor receptor
UniProt Protein Name	Hepatocyte growth factor receptor
UniProt Gene Name	Met
UniProt Synonym Gene Names	HGF receptor; SF receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.