

c-MET Active Protein | MET active protein

c-MET Protein, Mouse, Recombinant (hFc Tag)

CATALOG #
AAA258186

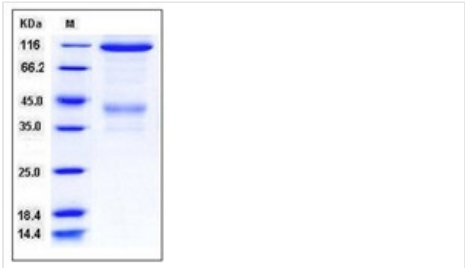
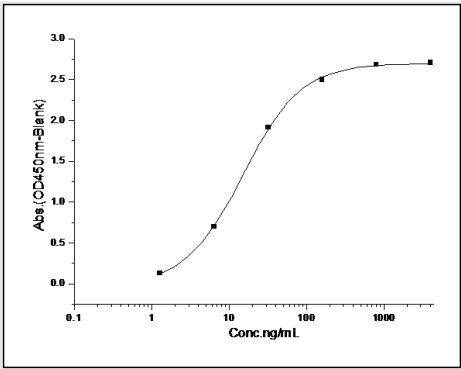
HOST
HEK293 Cells

PRODUCT SYNONYMS

c-MET; c-MET Protein; Mouse; Recombinant (hFc Tag); Mouse c-MET/HGFR Protein (Fc Tag); A1838057 Protein; c-Met Protein; HGF Protein; HGFR Protein; Par4 Protein; MET proto-oncogene; receptor tyrosine kinase; MET active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>92% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-Asn92 9
Species	Mouse
Activity	Measured by its binding ability in a functional ELISA. Immobilized human HGF at 2ug/ml (100uL/well) can bind mouse HGFR with a linear range of 1.28-32ng/ml.
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Glu 25 & Ser 307
Tag	C-human IgG1-Fc
Protein Construction	A DNA sequence encoding the mouse MET (NP_032617.2) extracellular domain (Met 1-Asn 929) was fused with the Fc region of human IgG1 at the C-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.



SDS-PAGE

Application Data
Measured by its binding ability in a functional ELISA. Immobilized human HGF at 2 ug/ml (100 ul/well) can bind mouse HGFR with a linear ranger of 1.28-32ng/ml.

ADDITIONAL INFORMATION

Related Product Information for MET active 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 is 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.
Product Categories/Family for MET active protein	Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	McGill GG, et al. (2006) c-Met expression is regulated by Mitf in the melanocyte lineage. J Biol Chem. 281(15): 10365-73. Garcia S, et al. (2007) c-Met overexpression in inflammatory breast carcinomas: automated quantification on tissue microarrays. British journal of cancer. 96(2): 329-35. Socoteanu MP, et al. (2008) c-Met targeted therapy of cholangiocarcinoma. World J Gastroenterol. 14(19): 2990-4. Kong DS, et al. (2009) Prognostic significance of c-Met expression in glioblastomas. Cancer. 115(1): 140-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	146198696
NCBI GeneID	17295
NCBI Accession #	NP_032617.2
NCBI GenBank Nucleotide #	NM_008591.2
UniProt Accession #	F8VQL0; P16056
Molecular Weight	153,546 Da
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; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase
UniProt Protein Name	Hepatocyte growth factor receptor

UniProt Gene Name	Met
UniProt Entry Name	F8VQL0_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/hek293-active-protein/c-met/258186>