

Active Recombinant Human MET Protein, His & Avi-tagged, Biotinylated

Cat. No. MET-195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MET Protein (Glu 25 - Thr 932) (AAI30421.1), fused with an Avi tag at the C-terminus, followed by a polyhistidine tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 25 - Thr 932
Predicted N Terminal	Glu 25 (α chain) & Ser 308 (β chain)
Form	Lyophilized from sterile PBS, pH7.4, 10% trehalose.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human HGF protein at 10µg/mL (100 µL/well) can bind Biotinylated Human HGF R, His Tag with a linear range of 0.04-0.31 µg/mL.
Molecular Mass	Recombinant Human MET Protein has a calculated MW of 104.3 kDa. The protein migrates as 40-45 kDa α subunit and 75 kDa β subunit on a SDS-PAGE gel under reducing (R) condition due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	MET met proto-oncogene (hepatocyte growth factor receptor) [Homo sapiens]
Official Symbol	MET
Synonyms	MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; HGFR; RCCP2; SF receptor; HGF receptor; oncogene MET; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase; AUTS9; c-Met;
Gene ID	4233
mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860

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UniProt ID	P08581
Chromosome Location	7q31
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem;
Function	ATP binding; hepatocyte growth factor-activated receptor activity; nucleotide binding; protein binding; protein tyrosine kinase activity; protein tyrosine kinase activity; receptor activity;

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