

Active Recombinant Human MET protein, Fc-tagged

Cat. No. MET-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MET protein(Glu 25 - Thr 932), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu25-Thr932
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human HGF, His Tag at 2 µg/mL (100 µL/well) can bind Human HGF R, Fc Tag with a linear range of 0.6-20 ng/mL. Immobilized Human HGF R, Fc Tag at 5 µg/mL (100 µL/well) can bind Human HGF, His Tag with a linear range of 5-78 ng/mL.
Molecular Mass	Human HGF R, Fc Tag is fused with Fc fragment of human IgG1 at the C-terminus. The mature form of HGF R is a disulfide-linked heterodimer composed of proteolytically cleaved α and β chain. Each α and β chain has a calculated MW of 32.5 kDa (α chain) and 95.3 kDa (β chain Fc chimera). The protein migrates as 40-45 kDa (α chain) and 106-116 kDa (β chain Fc chimera) under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles.This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.

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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