

Active Recombinant Mouse MET protein, Fc-tagged

Cat. No. MET-1558M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MET protein(Glu25-Ala931), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	25-931 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5.
Bio-activity	Immobilized Human HGF, His Tag at 2 µg/mL (100 µL/well) can bind Mouse HGF R, Fc Tag with a linear range of 0.2-10 ng/mL.
Molecular Mass	Mouse 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 32.1 kDa (α chain) and 95.1 kDa (β chain Fc chimera). The protein migrates as 40-45 kDa (α chain) and 125-135 kDa (β chain Fc chimera) under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu25-Ala931
Endotoxin	Less than 1.0 EU per

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	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 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 [Mus musculus]
Official Symbol	MET
Synonyms	MET; met proto-oncogene; 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; HGF; HGFR; Par4; c-Met; AI838057;
Gene ID	17295
mRNA Refseq	NM_008591
Protein Refseq	NP_032617

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