Active Recombinant Mouse Met protein, hFc-tagged

Cat. No. Met-4061M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Met protein(NP_032617.2)(Met1-Asn929), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn929
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. 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.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human HGF at 2 μg/ml (100 μl/well) can bind mouse HGFR with a linear range of 1.28-32ng/ml.
Molecular Mass	The recombinant mouse Met/Fc chimera is a disulfide-linked homodimer of the Met which is a heterodimer composed of the proteolytically cleaved α and β subunits. Each α and β together with the C-terminal Fc tag consists of 1146 amino acids and has a predicted molecular mass of 128 (α =32 + Fc tagged β=96) kDa. The apparent molecular mass of the rm MET/Fc heterodimer thus is approximately 43 kDa and 115-120 kDa respectively in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per

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	μg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°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.

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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