

Recombinant Mouse MET protein(Met1-Asn929), His-tagged

Cat. No. MET-1139M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MET (EDL13881.1) extracellular domain (Met 1-Asn 929) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn929
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized HGF Protein, Mouse, Recombinant at 2 µg/mL (100 µL/well) can bind c-MET Protein, Mouse, Recombinant (ECD, His Tag), the EC50 is 80-400 ng/mL.
Molecular Mass	The recombinant mouse Met is a heterodimer composed of the proteolytically cleaved α and β subunits. The α and β heterodimer consists of 916 amino acids and has a predicted molecular mass of 102 (α =32 + β =70) kDa. The apparent molecular mass of the rmMET heterodimer thus is approximately 41.8 kDa and 87.2 kDa respectively in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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.
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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.
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GENE INFORMATION

Gene Name	Met met proto-oncogene [Mus musculus]
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Official Symbol	MET
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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;
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Gene ID	17295
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mRNA Refseq	NM_008591
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Protein Refseq	NP_032617
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