

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse MET (EDL13881.1) extracellular domain (Met 1-Asn 929) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn929
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The recombinant mouse Met is a heterodimer composed of the proteolytically cleaved $\alpha$ and $\beta$ subunits. The $\alpha$ and $\beta$ heterodimer consists of 916 amino acids and has a predicted molecular mass of 102 ( $\alpha$ =32 + $\beta$ =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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 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.

**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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