

## Active Recombinant Rat MET protein(Met1-Asn932), hFc-tagged

**Cat. No.** MET-382R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat MET (Q2IBC7) (Met1-Asn932) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn932
<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>	Measured by its binding ability in a functional ELISA. Immobilized Rat HGF at 2 µg/ml (100 µl/well) can bind Rat c-MET hFc, the EC50 of Rat c-MET hFc is 3.5-18 ng/mL.
<b>Molecular Mass</b>	The recombinant Rat MET/Fc is a disulfide-linked homodimer. The reduced monomer comprises 1149 amino acids and has a predicted molecular mass of 128.1 kDa. The apparent molecular mass of the protein is approximately 97 and 39 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % 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 \[ Rattus norvegicus \]](#)

**Official Symbol** [MET](#)

**Synonyms** MET; met proto-oncogene; hepatocyte growth factor receptor; c-Met; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase; Hgfr;

**Gene ID** [24553](#)

**mRNA Refseq** [NM\\_031517](#)

**Protein Refseq** [NP\\_113705](#)

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