

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

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

SPECIFICATION

Product Overview	Recombinant Rat MET (Q2IBC7) (Met1-Asn932) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asn932
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	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 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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