

## Active Recombinant Cynomolgus MET, His-tagged

**Cat. No.** MET-184C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the cynomolgus/rhesus MET (NP_001162100.1) (Met1-Thr932) was expressed with a polyhistidine tag at the C-terminus. Cynomolgus and Rhesus MET sequences are identical.
<b>Species</b>	Cynomolgus
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Met1-Thr932
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Bio-activity</b>	Immobilized Cynomolgus MET-His at 10 µg/ml (100 µl/well) can bind biotinylated Cynomolgus HGF, The EC50 of biotinylated Cynomolgus HGF is 0.11-0.27 µg/ml.
<b>Molecular Mass</b>	The recombinant cynomolgus/rhesus MET comprises 919 amino acids and has a calculated molecular mass of 103.1 KDa. The apparent molecular mass of it is approximately 128.2, 77.6 and 45.7 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>	(4.6+58.2+34.7) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C

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**Storage** Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** Hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name** MET?met proto-oncogene (hepatocyte growth factor receptor) [?Macaca mulatta?(Rhesus monkey) ]

**Official Symbol** MET

**Synonyms** MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; NP\_001162100.1; EC 2.7.10.1

**Gene ID** 704562

**mRNA Refseq** NM\_001168629

**Protein Refseq** NP\_001162100

**Chromosome Location** 3

**Pathway** Adherens junction; Bacterial invasion of epithelial cells; Cytokine-cytokine receptor interaction

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