

Active Recombinant Cynomolgus MET

Cat. No. MET-182C **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | A DNA sequence encoding the cynomolgus/rhesus MET (NP_001162100.1) (Met1-Thr932) was expressed five amino acids (DDDDK) the C-terminus. Cynomolgus and Rhesus MET sequences are identical. |
| Species | Cynomolgus |
| Source | Human Cells |
| ProteinLength | Met1-Thr932 |
| Form | Lyophilized from sterile PBS, pH7.4. |
| Bio-activity | Immobilized Cynomolgus MET at 10 µg/ml (100 µl/well) can bind biotinylated Cynomolgus HGF, The EC50 of biotinylated Cynomolgus HGF is 0.17-0.41 µg/ml. |
| Molecular Mass | The recombinant cynomolgus/rhesus MET comprises 914 amino acids and has a calculated molecular mass of 102.3 KDa. The apparent molecular mass of it is approximately 73-93 KDa in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 eu per µg of the protein as determined by the LAL method. |
| Purity | >90 % as determined by SDS-PAGE |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|----------------------------|---|
| 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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA