# Active Recombinant Cynomolgus MET Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** MET-184CAF555 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | A DNA sequence encoding the cynomolgus/rhesus MET (NP_001162100.1) (Met1-Thr932) (Alexa Fluor 555 conjugated) was expressed with a polyhistidine tag at the C-terminus. Cynomolgus and Rhesus MET sequences are identical. |
| **Species** | Monkey |
| **Source** | HEK293 |
| **ProteinLength** | Met1-Thr932 919 |
| **Form** | Lyophilized |
| **Bio-activity** | 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. |
| **Molecular Mass** | 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. |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Purity** | (4.6+58.2+34.7) % as determined by SDS-PAGE |
| **Characteristic** | Disulfide-linked homodimer |

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| | Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters. |
| **Stability** | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| **Storage** | Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Storage Buffer** | Lyophilized from sterile PBS, pH7.4. |
| **Conjugation** | Alexa Fluor 555 |

## GENE INFORMATION

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| **Gene Name** | METmet 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 |

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