

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

Cat. No. MET-182CAF555 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 five amino acids (DDDDK) the C-terminus. Cynomolgus and Rhesus MET sequences are identical. |
| Species | Monkey |
| Source | HEK293 |
| ProteinLength | Met1-Thr932 914 |
| Form | Lyophilized |
| 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/ µg of the protein as determined by the LAL method. |
| Purity | > 90 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer |

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Labeled with Alexa Fluor 555 via amines
 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

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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