

Active Recombinant Cynomolgus MET Protein, DDDDK-tagged, Alexa Fluor 488 conjugated

Cat. No. MET-182CAF488 Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the cynomolgus/rhesus MET (NP_001162100.1) (Met1-Thr932) (Alexa Fluor 488 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 488 via amines
Excitation Wavelength: 488 nm
Emission Wavelength: 515-545 nm

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 488

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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