Active Recombinant Cynomolgus MET Protein, His-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	A DNA sequence encoding the cynomolgus/rhesus MET (NP_001162100.1) (Met1-Thr932) (FITC 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 FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 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	FITC

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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