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

Cat. No. MET-182CAF555 **Lot. No.** (See product label)

SPECIFICATION

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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