

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

Cat. No. MET-184CAF555 **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 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

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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