

Recombinant Human MET protein, His-tagged, Site-Specific AF 488-Labeled

Cat. No. MET-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human MET protein(NP_000236.2) (Met1-Thr932) was expressed in HEK293 with a polyhistidine tag at the C-terminus. The protein is site-specifically labeled with AF 488 (Excitation Max. = 495 nm, Emission Max. = 519 nm).

Species Human

Source HEK293

ProteinLength Met1-Thr932

Tag C-His

Form This product is Lyophilized from sterile PBS, pH 7.4.

Bio-activity

1. Flow cytometric analysis of anti-c-MET CAR expression. 293 cells were lentivirally transduced with anti-c-MET CAR. Flow cytometric analysis was performed with a negative control protein and AF 488-conjugated human c-MET protein, respectively. Non-transduced 293 cells were used as a control (left).
2. Binding activity of AF 488-conjugated c-MET protein to PBMC cells. PBMC cells were stained with anti-CD3 antibody and AF 488-conjugated human c-MET protein and detected by flow cytometry. PBMC cells stained with anti-CD3 antibody were used as a control (left).

Molecular Mass The recombinant Human MET consists of AA Met1-Thr932 with a polyhistidine tag at

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the C-terminus. It has a predicted molecular mass of 105.1 kDa.

Endotoxin < 1.0 EU per µg protein as determined by the LAL method.

Purity ≥ 90 % as determined by SDS-PAGE.

Storage Twelve months from date of receipt at -20°C to -70°C in lyophilized form and 3 months at -70°C under sterile conditions after reconstitution. Protect from prolonged exposure to light and avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name MET met proto-oncogene (hepatocyte growth factor receptor) [Homo sapiens]

Official Symbol MET

Synonyms MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; HGFR; RCCP2; SF receptor; HGF receptor; oncogene MET; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase; AUTS9; c-Met;

Gene ID 4233

mRNA Refseq NM_000245

Protein Refseq NP_000236

MIM 164860

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UniProt ID

P08581

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