

Recombinant Human Met Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

Cat. No. Met-31HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human Met precursor extracellular domain (Met 1-Thr 932) (NP_000236), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	1-932 a.a.
Form	Lyophilized
Molecular Mass	The mature recombinant human c-Met/Fc is a disulfide-linked tetramer composed of two proteolytically cleaved α and β subunits. Each α and β together with the C-terminal Fc tag consists of 1155 amino acids and has a predicted molecular mass of 129.5 (α =32.5 + Fc tagged β =97) kDa. The rh c-MET/Fc heterodimer thus migrates with apparent molecular mass of approximately 45 kDa and 120 kDa respectively in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

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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 -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from sterile PBS, pH 7.4

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

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

Official Symbol

Met

Gene ID

4233

mRNA Refseq

NM_000245

Protein Refseq

NP_000236

MIM

164860

UniProt ID

P08581

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