

# Recombinant Human Met Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Met-31HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-932 a.a.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The mature recombinant human c-Met/Fc is a disulfide-linked tetramer composed of two proteolytically cleaved $\alpha$ and $\beta$ subunits. Each $\alpha$ and $\beta$ together with the C-terminal Fc tag consists of 1155 amino acids and has a predicted molecular mass of 129.5 ( $\alpha$ =32.5 + Fc tagged $\beta$ =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.
<b>Endotoxin</b>	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm

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	Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	MET met proto-oncogene (hepatocyte growth factor receptor) [ Homo sapiens ]
<b>Official Symbol</b>	Met
<b>Gene ID</b>	4233
<b>mRNA Refseq</b>	NM_000245
<b>Protein Refseq</b>	NP_000236
<b>MIM</b>	164860
<b>UniProt ID</b>	P08581

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