

Recombinant Mouse Met Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Met-4061MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant Mouse Met (NP_032617.2) extracellular domain (Met 1-Asn 929), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Mouse

Source HEK293

ProteinLength 1146

Form Lyophilized

Molecular Mass The recombinant mouse Met/Fc chimera is a disulfide-linked homodimer of the Met which is a heterodimer composed of the proteolytically cleaved α and β subunits. Each α and β together with the C-terminal Fc tag consists of 1146 amino acids and has a predicted molecular mass of 128 (α =32 + Fc tagged β =96) kDa. The apparent molecular mass of the rm MET/Fc heterodimer thus is approximately 43 kDa and 115-120 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 647 via amines
Excitation = 650 nm

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	Emission = 668 nm
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 647

GENE INFORMATION

Gene Name	Met met proto-oncogene [Mus musculus]
Official Symbol	Met
Gene ID	17295
mRNA Refseq	NM_008591
Protein Refseq	NP_032617

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