Recombinant Mouse Met Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Met-4061MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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/ μg 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 [Mus musculus]
Official Symbol	Met
Gene ID	17295
mRNA Refseq	NM_008591
Protein Refseq	NP_032617

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