

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

Cat. No. Met-730MAF647 Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant Mouse Metprotein was expressed in Murine myeloma cell line with the Fc part of MouseIgG2A Glu98-Lys330 (C-terminus) and Met1-Asn929 (N-terminus).
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	1-929 a.a.
<b>Description</b>	Met is aglycosylated receptor tyrosine kinase that plays a central role in epithelialmorphogenesis and cancer development. Met is synthesized as a single chainprecursor which undergoes cotranslational proteolytic cleavage. This generatesa mature Met that is a disulfide-linked dimer composed of a 50 kDaextracellular $\alpha$ chain and a 145 kDa transmembrane $\beta$ chain.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measuredby its ability to bind recombinant mouse Met in a functional ELISA with anestimated KD < 0.2 nM.
<b>Molecular Mass</b>	96 & 32 kDa; SDS-PAGE: 110-120 kDa & 40-43 kDa, reducing conditions.
<b>N-terminal Sequence</b>	Glu 25 & Ser 307

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<b>Analysis</b>	
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein by the LAL method.
<b>Purity</b>	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Storage</b>	Use a manualdefrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
<b>Concentration</b>	200 µg/mL
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	200 µg/mL in PBS
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	Met met proto-oncogene [ Musmusculus ]
<b>Official Symbol</b>	Met
<b>Synonyms</b>	Met; metproto-oncogene; HGF; HGFR; Par4; c-Met; A1838057; hepatocyte growth

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factorreceptor; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogenetyrosine kinase; EC 2.7.10.1; Met protein

**Gene ID** [17295](#)

**mRNA Refseq** [NM\\_008591](#)

**Protein Refseq** [NP\\_032617](#)

**UniProt ID** [P16056](#)

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