Recombinant Human MET Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. MET-196HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant human MET Protein (Glu 25 - Thr 932) (AAI30421.1), fused with Fc fragment of human IgG1 at the C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu25-Thr932
Form	Lyophilized
Molecular Mass	The mature form of HGFR is a disulfide-linked heterodimer composed of proteolytically cleaved α and β chain. Each α and β chain has a calculated MW of 32.5 kDa (α chain) and 96.7 kDa (β chain Fc chimera). Protein migrates as 45 kDa (α chain) and 120-125 kDa (βchain Fc chimera) in reduced SDS-PAGE resulting from glycosylation.
N-terminal Sequence Analysis	The predicted N-terminal is Glu 25 (α chain) & Ser 308 (β chain Fc chimera).
Endotoxin	< 1.0 EU/ μg by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm 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 50 mM tris, 100 mM glycine, pH7.5, 10% trehalose.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. 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 (hepatocyte growth factor receptor) [Homo sapiens]
Official Symbol	MET
Synonyms	MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; HGFR; RCCP2; SF receptor; HGF receptor; oncogene MET; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase; AUTS9; c-Met;
Gene ID	4233

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mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860
UniProt ID	P08581

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