

# Recombinant Mouse Tnfrsf14 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Tnfrsf14-757MAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant Mouse Tnfrsf14 (NP_849262.1) precursor extracellular domain (Met 1-Gln 206), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	415
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant mouse HVEM/Fc is a disulfide-linked homodimeric Protein after removal of the signal peptide. The reduced monomer consists of 415 amino acids and predicts a molecular mass of 46.4 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rmHVEM/Fc monomer is approximately 65 kDa due to the glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ µg 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 Emission = 668 nm

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<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>	Tnfrsf14 tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator) [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Tnfrsf14
<b>Gene ID</b>	230979
<b>mRNA Refseq</b>	NM_178931
<b>Protein Refseq</b>	NP_849262

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