

## Active Recombinant Monkey TNFSF10 Protein, Met-tagged, Alexa Fluor 488 conjugated

Cat. No. TNFSF10-1191RAF488 Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant rhesus TNFSF10 (NP_001252963.1) (Val114-Gly281) was expressed and purified with an initial Met.
<b>Species</b>	Monkey
<b>Source</b>	E.coli
<b>ProteinLength</b>	169
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	<ol style="list-style-type: none"><li>1. Measured in a cytotoxicity assay using L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 0.5-2 ng/mL.</li><li>2. Measured by its binding ability in a functional ELISA. Immobilized Rhesu</li></ol>
<b>Molecular Mass</b>	19.6 kDa
<b>N-terminal Sequence Analysis</b>	Met
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 98 % as determined by SDS-PAGE

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<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<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, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	TNFSF10 tumor necrosis factor superfamily member 10 [ <i>Macaca mulatta</i> ]
<b>Official Symbol</b>	TNFSF10
<b>Synonyms</b>	tumor necrosis factor (ligand) superfamily, member 10
<b>Gene ID</b>	694451
<b>mRNA Refseq</b>	NM_001266034
<b>Protein Refseq</b>	NP_001252963

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