

Active Recombinant Monkey TNFSF10 Protein, Met-tagged, Alexa Fluor 647 conjugated

Cat. No. TNFSF10-1191RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant rhesus TNFSF10 (NP_001252963.1) (Val114-Gly281) was expressed and purified with an initial Met.
Species	Monkey
Source	E.coli
ProteinLength	169
Form	Lyophilized
Bio-activity	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. 2. Measured by its binding ability in a functional ELISA. Immobilized Rhesu
Molecular Mass	19.6 kDa
N-terminal Sequence Analysis	Met
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 98 % 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 PBS, 5%-8% trehalose and mannitol.
Reconstitution	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.
Conjugation	Alexa Fluor 647

GENE INFORMATION

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

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