

## Active Recombinant Monkey TNFSF11 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** TNFSF11-210CAF647    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the Monkey TNFSF11 (G7PW41) (Gly136-Asp317) (Alexa Fluor 647 conjugated) was expressed with the Fc region of human IgG1 at the N-terminus.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly136-Asp317 442
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	<ol style="list-style-type: none"> <li>1. Immobilized Cynomolgus S4-Fc3L3-TNFSF11 at 10 µg/mL (100 µL/well) can bind biotinylated human TNFRSF11B-His, The EC50 of biotinylated human TNFRSF11B-His is 7.94-18.52 ng/mL.</li> <li>2. The bioactivity of hRANKL was determined by measuring the ability of hRANK</li> </ol>
<b>Molecular Mass</b>	The recombinant cynomolgus TNFSF11 comprises 442 amino acids and has a calculated molecular mass of 48.9 kDa. The apparent molecular mass of the protein is approximately 55 kDa in SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE

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<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 -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, pH7.4.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	TNFSF11 tumor necrosis factor (ligand) superfamily, member 11 [Macaca fascicularis(crab-eating macaque) ]
<b>Official Symbol</b>	TNFSF11
<b>Synonyms</b>	TNFSF11; tumor necrosis factor (ligand) superfamily, member 11; Receptor activator of nuclear factor kappa-B ligand
<b>Gene ID</b>	102137946
<b>mRNA Refseq</b>	XM_005585744
<b>Protein Refseq</b>	XP_005585801

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