

Active Recombinant Monkey TNFSF11 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. TNFSF11-210CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Monkey TNFSF11 (G7PW41) (Gly136-Asp317) (Alexa Fluor 488 conjugated) was expressed with the Fc region of human IgG1 at the N-terminus.
Species	Monkey
Source	HEK293
ProteinLength	Gly136-Asp317 442
Form	Lyophilized
Bio-activity	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. 2. The bioactivity of hRANKL was determined by measuring the ability of hRANK
Molecular Mass	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.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 488
GENE INFORMATION	
Gene Name	TNFSF11tumor necrosis factor (ligand) superfamily, member 11 [Macaca fascicularis(crab-eating macaque)]
Official Symbol	TNFSF11
Synonyms	TNFSF11; tumor necrosis factor (ligand) superfamily, member 11; Receptor activator of nuclear factor kappa-B ligand
Gene ID	102137946
mRNA Refseq	XM_005585744
Protein Refseq	XP_005585801

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