

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

Cat. No. BTLA-195CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Monkey BTLA (G7MKA9) (Met1-Leu155) (Alexa Fluor 647 conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	Met1-Leu155, 366
Form	Lyophilized
Bio-activity	Immobilized cynoBTLA-Fc at 10 µg/mL (100 µL/well) can bind biotinylated cynoTNFRSF14-Fc, EC50 of biotinylated cynoTNFRSF14-Fc is 0.7-1.64 µg/mL.
Molecular Mass	The recombinant cynomolgus BTLA is a disulfide-linked homodimer. The reduced monomer comprises 366 amino acids and has a calculated molecular mass of 41.4 kDa. The apparent molecular mass of the protein is approximately 45 kDa in SDS-PAGE.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer

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	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 -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 647

GENE INFORMATION

Gene Name	BTLA B and T lymphocyte associated [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	BTLA
Synonyms	BTLA; B and T lymphocyte associated
Gene ID	102144877
mRNA Refseq	XM_005548167
Protein Refseq	XP_005548224

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