

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

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu155, 366
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Characteristic</b>	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 \[ Macaca fascicularis \(crab-eating macaque\) \]](#)

**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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