

Active Recombinant Monkey BTLA Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. BTLA-195CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Monkey BTLA (G7MKA9) (Met1-Leu155) (Alexa Fluor 555 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Labeled with Alexa Fluor 555 via amines

With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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 555

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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