

## Active Recombinant Cynomolgus CTLA4 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. CTLA4-109CAF488 Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant Cynomolgus CTLA4(Met1-Asp161) fused with His tag at C-terminal was expressed in HEK293.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asp161 136
<b>Description</b>	CTLA4 played an important role in many functions.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Immobilized Cynomolgus CTLA4-His at 10 µg/mL (100 µL/well) can bind Cynomolgus CD80-Fc, The EC50 of Cynomolgus CD80-Fc is 0.02-0.04 µg/mL.
<b>Molecular Mass</b>	The recombinant cynomolgus CTLA4 comprises 136 amino acids and has a calculated molecular mass of 14.9 kDa. The apparent molecular mass of it is approximately 24 and 21 kDa respectively in SDS-PAGE.
<b>N-terminal Sequence Analysis</b>	Ala 37
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Purity</b>	(73.4+23.7) % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 -20 to -80 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, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
<b>Shipping</b>	Shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	CTLA4 cytotoxic T-lymphocyte associated protein 4 [ <i>Macaca fascicularis</i> ]
<b>Official Symbol</b>	CTLA4
<b>Synonyms</b>	CTLA4; cytotoxic T-lymphocyte associated protein 4
<b>Gene ID</b>	102115124

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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