Active Recombinant Cynomolgus CTLA4 Protein, His-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	FITC conjugated recombinant Cynomolgus CTLA4(Met1-Asp161) fused with His tag at C-terminal was expressed in HEK293.
Species	Monkey
Source	HEK293
ProteinLength	Met1-Asp161 136
Description	CTLA4 played an important role in many functions.
Form	Lyophilized
Bio-activity	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.
Molecular Mass	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.
N-terminal Sequence Analysis	Ala 37
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.

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Purity	(73.4+23.7) % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Shipping	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.
Conjugation	FITC

GENE INFORMATION

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

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