Active Recombinant Monkey CTLA4 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. CTLA4-8852CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Monkey CTLA4(Met1-Asp161) fused with Fc region of human IgG1 at C-terminal was expressed in HEK293.
Species	Monkey
Source	HEK293
ProteinLength	Met1-Asp161 366
Description	CTLA4 played an important role in many functions.
Form	Lyophilized
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human B7-1-His at 10 μg/mL (100 μL/well) can bind Cynomolgus CTLA4-Fc, The EC50 of Cynomolgus CTLA4-Fc is 6.0-14.5 ng/mL.
Molecular Mass	The recombinant cynomolgus/rhesus CTLA4 is a disulfide-linked homodimer. The reduced monomer comprises 366 amino acids and has a calculated molecular mass of 40.4 kDa.The apparent molecular mass of the protein is approximately 52 kDa respectively in SDS-PAGE.
N-terminal Sequence Analysis	Ala 37

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Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer 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 -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	Alexa Fluor 647

GENE INFORMATION

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

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Gene ID	102115124

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