

Active Recombinant Cynomolgus/Rhesus CTLA4 protein, His-tagged

Cat. No. CTLA4-354C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus CTLA4 protein(XP_005574071.1/Q9BDC4) (Met1-Asp161) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Met1-Asp161
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized cynomolgus/rhesus CTLA4-His at 10 µg/ml (100 µl/well) can bind Cynomolgus CD80-Fc, The EC50 of cynomolgus/rhesus CD80-Fc is 0.02-0.04 µg/ml.
Molecular Mass	The recombinant cynomolgus / rhesus 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 due to different glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>95% as determined by SDS-PAGE.

 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

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name CTLA4 cytotoxic T-lymphocyte associated protein 4 [*Macaca fascicularis* (crab-eating macaque)]

Official Symbol CTLA4

Synonyms CTLA4

Gene ID 102115124

mRNA Refseq XM_005574014

Protein Refseq XP_005574071

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