Active Recombinant Cynomolgus CTLA4 protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Cynomolgus CTLA4(Met1-Asp161) fused with Fc region of human IgG1 at C-terminal was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Asp161
Description	CTLA4 played an important role in many functions.
Predicted N Terminal	Ala 37
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	Measured by its binding ability in a functional ELISA. Immobilized human B7-1-His (Cat:10698-H08H) 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.

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Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are 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.

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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