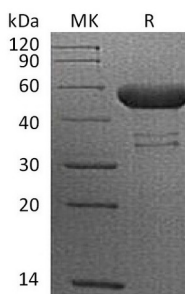


## Summary

<b>Name</b>	CTLA-4/CD152/Cytotoxic T-lymphocyte protein 4
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/ $\mu$ g as determined by LAL test.
<b>Construction</b>	Recombinant Cynomolgus Cytotoxic T-lymphocyte Associated Protein 4 is produced by our Mammalian expression system and the target gene encoding Ala37-Ser160 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	G7PL88
<b>Host</b>	Human Cells
<b>Species</b>	Cynomolgus
<b>Predicted Molecular Mass</b>	40.2 KDa
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 50 mM Tris-HCl, 100 mM Glycine, pH 7.5.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at $\leq$ -70°C, stable for 6 months after receipt. Store at $\leq$ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

**Product Name: Recombinant Cynomolgus CTLA-4 (C-Fc)**  
**Catalog #: PHV1969**



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**Alternative Names**

Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD152; CTLA4

**Background**

Cytotoxic T-lymphocyte 4(CTLA-4,CD152), is a type I transmembrane T cell inhibitory molecule that is a member of the Ig superfamily. CD28 and CTLA-4, together with their ligands, B7-1 and B7-2, constitute one of the dominant costimulatory pathways that regulate T and B cell responses. CD28 and CTLA-4 are structurally homologous molecules that are members of the immunoglobulin (Ig) gene superfamily. CTLA4 transmits an inhibitory signal to T cells, whereas CD28 transmits a stimulatory signal. Intracellular CTLA4 is also found in regulatory T Cells and may play an important role in their functions. T cell activation through the T cell receptor and CD28 leads to increased expression of CTLA4.

**Note**

For Research Use Only , Not for Diagnostic Use.