

## Active Recombinant Mouse Ctla4 Protein, Fc-tagged

Cat. No. Ctla4-038M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse cytotoxic T-lymphocyte-associated protein 4 (Ctla4) (Ala37-Phe162) with a Fc tag was expressed in CHO cell.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>Description</b>	This gene is a member of the immunoglobulin superfamily, and encodes a protein that functions as a negative regulator of T-cell responses. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
<b>Bio-activity</b>	The ED50 is 70 - 350 ng/ml, corresponding to a specific activity of 0.28-1.4 x 10 <sup>4</sup> units/mg, determined by the dose dependent inhibition of IL-2 production induced by 0.5 µg/ml of CD80 on Jurkat cells
<b>Molecular Mass</b>	41 kDa
<b>Endotoxin</b>	Less than 0.01 ng per µg protein as determined by the LAL method
<b>Purity</b>	>95%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated

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freeze/thaw cycles.

**Storage**

Store at -80 centigrade.

**Concentration**

Protein formulated and vialled at >50 ug/mL in specified buffer

**Storage Buffer**

1 x PBS

## GENE INFORMATION

**Gene Name**

Ctla4 cytotoxic T-lymphocyte-associated protein 4 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Ctla4

**Synonyms**

Ctla4; cytotoxic T-lymphocyte-associated protein 4; Cd152; Ly-56; Ctla-4; cytotoxic T-lymphocyte protein 4; CD152 antigen; cytotoxic T-lymphocyte-associated antigen 4

**Gene ID**

12477

**mRNA Refseq**

NM\_009843

**Protein Refseq**

NP\_033973

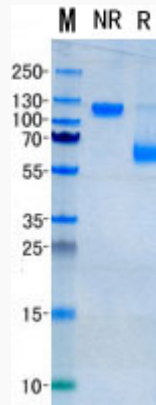
**UniProt ID**

P09793

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