

Active Recombinant Mouse Ctla4 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse cytotoxic T-lymphocyte-associated protein 4 (Ctla4) (Ala37-Phe162) with a Fc tag was expressed in CHO cell.
Species	Mouse
Source	CHO
Description	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.
Bio-activity	The ED50 is 70 - 350 ng/ml, corresponding to a specific activity of 0.28-1.4 x 10 ⁴ units/mg, determined by the dose dependent inhibition of IL-2 production induced by 0.5 µg/ml of CD80 on Jurkat cells
Molecular Mass	41 kDa
Endotoxin	Less than 0.01 ng per µg protein as determined by the LAL method
Purity	>95%, as determined by SDS-PAGE and Coomassie blue staining
Stability	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

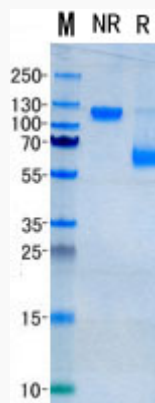
GENE INFORMATION

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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