

Product datasheet for **TP723873**

Ctla4 (NM_009843) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytotoxic T-lymphocyte-associated protein 4 (Ctla4)
Species:	Mouse
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	Mouse CTLA-4, the region of Ala37-Phe162, from gene Accession# NM_009843
Tag:	Fc chimera
Predicted MW:	41 kDa
Concentration:	lot specific
Purity:	>95%, as determined by Coomassie stained SDS-PAGE
Buffer:	1 x PBS
Bioactivity:	Recombinant mouse CTLA-4 inhibits the production of IL-2 induced by 0.5 µg/mL of CD80 on Jurkat cells in a dose-dependent manner. The ED50 for this effect 50 is 5 - 30 ng/mL.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_033973
Locus ID:	12477
UniProt ID:	P09793
RefSeq Size:	1933
Cytogenetics:	1 30.58 cM
RefSeq ORF:	669
Synonyms:	Cd152; Ctla; Ctla-4; Ly-5; Ly-56



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Summary:

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. [provided by RefSeq, Aug 2013]

Product images: