

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 CHO **Expression Host: Expression cDNA Clone** Mouse CTLA-4, the region of Ala37-Phe162, from gene Accession# NM_009843 or AA Sequence: 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. Less than 0.01 ng per µg protein as determined by the LAL method Endotoxin: Store at -80°C. Storage: 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 1 30.58 cM Cytogenetics: **RefSeq ORF:** 669 Synonyms: Cd152; Ctla; Ctla-4; Ly-5; Ly-56



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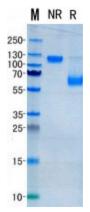
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Summary:This gene is a member of the immunoglobulin superfamily, and encodes a protein that
functions as a negative regulator of T-cell responses. Alternatively spliced transcript variants
encoding different isoforms have been described for this gene. [provided by RefSeq, Aug
2013]

Product images:



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