

## Recombinant Mouse CD152 Protein

Catalog #	Source	Reactivity	Applications
CRP2877	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse CD152 Protein is produced by mammalian expression system and the target gene encoding Ala37-Asp161 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	CTLA4		
<b>Alternative Names</b>	CD152; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD152		
<b>Entrez Gene</b>	12477 (Mouse)		
<b>SwissProt</b>	P09793 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>AIQVTQPSVV LASSHGVSF PCEYSPSHNT DEVRVTVLRQ TNDQMTEVCA TTFTEKNTVG            FLDYPFCSGT FNESRVNLT I QGLRAVD TGL YLCKVELMYP PPFVGMGNG TQIYVIDPEP            CPDSDIEGRM DPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD            VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN            KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG            QPENNYK TTP PVLDS DGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKSLSLSP            GK</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</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 µg/ml. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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