

Recombinant Human CTLA-4/Fc Chimera (Cytotoxic T-lymphocyte-associated molecule-4/Fc)

Catalog No.	CRC602A	Quantity:	100 µg
Description:	The molecular weight of recombinant human CTLA-4/Fc is ~80 kDa (homodimer). Each subunit (approximately 40 kDa) is composed of the extracellular domain of CTLA-4 fused via a polypeptide linker to the Fc portion of human IgG1.		
Source:	Produced in serum-free adapted Sf9 cells and purified via sequential chromatography		
Formulation:	Lyophilized, carrier free. Filtered prior to lyophilization through a 0.22 micron sterile filter.		
Purity:	>95% as determined by SDS-PAGE analysis.		
Endotoxin Level:	<0.1 ng/µg		
Biological Activity:	ED ₅₀ range = 0.1-1.0 µg/mL, determined by measuring the dose-dependent inhibition of Raji-stimulated human IL-2 secretion with Jurkat cells. Optimal concentration for individual application should be determined by a dose response assay		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute lyophilized recombinant human CTLA-4/Fc in sterile, distilled water or appropriate buffered solution containing 0.1% BSA to regain full activity. These stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in buffered solution containing a carrier protein such as PBS + 0.1% BSA.		
Storage & Stability:	Store this lyophilized preparation at 2-8°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at ≤-20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

