

Recombinant Mouse IL-2 fc Fusion Protein

Catalog No.	CS301A	Quantity:	50 µg
	CS301B		1 mg

Description: Interleukin-2 (IL-2) is a O-glycosylated four alpha-helix bundle cytokine that is produced by T-cells in response to antigenic or mitogenic stimulation. IL-2 can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells and is required for T-cell proliferation and other activities crucial to regulation of the immune response.

This Fc Fusion Protein is glycosylated and expressed as a chimera with the Fc region of mouse immunoglobulin. Fc fusion proteins are typically more stable and resistant to degradation and clearance than native cytokines. Fc fusion proteins appear as a dimer in SDS-PAGE under non-reducing conditions.

Source: Insect cell culture

Molecular Weight: 43 kDa

Formulation: Lyophilized powder. Volume: 0.025 ml before lyophilization

Purity: >98% by SDS-PAGE analysis

Specific Activity: ED₅₀ < 5 ng/ml as determined in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells.

Buffer: PBS, 0.1% BSA

Storage & Stability: When stored at -80°C, product is stable for 12 months from date of delivery. **Avoid repeated freeze-thaw cycles.**

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

