

32-17691: Recombinant Mouse CD28 Protein, hFc Tag

Uniprot ID : P31041

Alternative Name : CD28, Tp44

Description

Molecular Characterization: Mouse CD28(Asn20-Lys149) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 41.2 kDa after removal of the signal peptide. The apparent molecular mass of mCD28-hFc is approximately 55-70 kDa due to glycosylation.

Description: Recombinant mouse CD28 protein with C-terminal human Fc tag

Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival. Enhances the production of IL4 and IL10 in T-cells in conjunction with TCR/CD3 ligation and CD40L costimulation.[UniProtKB/Swiss-Prot Function]

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.