

MOUSE CD28 PROTEIN, HFC TAG

货号: 12133

产品全名: Mouse CD28 蛋白

规格: 10/50/100 µg

基因符号 CD28;Tp44

目标蛋白: CD28

UNIPROT ID: P31041

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

背景: 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]

物种/宿主: HEK293

分子量: 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.

分子特征: Mouse CD28(Asn20-Lys149) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

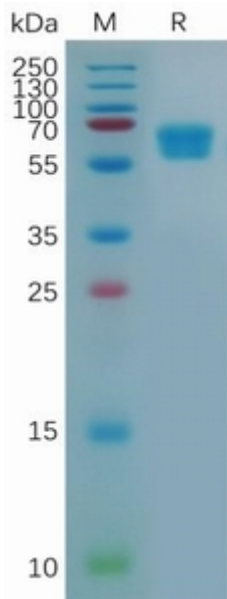


Figure 1. Mouse CD28 Protein, hFc Tag on SDS-PAGE under reducing condition.