

MOUSE B7-H2 PROTEIN, HFC TAG

货号: 12171

产品全名: Mouse B7-H2 蛋白

规格: 10/50/100 µg

基因符号 ICOSLG;B7H2;B7RP-1;B7RP1;CD275;GL50;ICOS-L;ICOSL;LICOS;ICOS ligand

目标蛋白: B7-H2

UNIPROT ID: Q9JHJ8

描述: Recombinant mouse B7-H2 protein with C-terminal human Fc tag

背景: Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity).[UniProtKB/Swiss-Prot Function]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 52.4 kDa after removal of the signal peptide. The apparent molecular mass of mB7-H2-hFc is approximately 55-70 kDa due to glycosylation.

分子特征: Mouse B7-H2(Glu47-Lys279) 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.

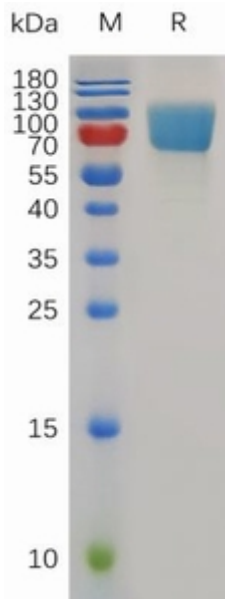


Figure 1. Mouse B7-H2 Protein, hFc Tag on SDS-PAGE under reducing condition.