

32-17913: Recombinant Mouse B7-2 Protein, hFc Tag

Uniprot ID : P42082
Alternative Name : CD86, ETC-1

Description

Molecular Characterization: Mouse B7-2(Val24-Glu245) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 51.4 kDa after removal of the signal peptide. The apparent molecular mass of mB7-2-hFc is approximately 55-70 kDa due to glycosylation.

Description: Recombinant mouse B7-2 protein with C-terminal human Fc tag

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.

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.