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32-17914: Recombinant Mouse B7-H2 Protein, hFc Tag

Uniprot ID : Q9JHJ8
Alternative Name : ICOSLG, B7H2, B7RP-1, B7RP1, CD275, GL50, ICOS-L, ICOSL, LICOS, ICOS ligand

Description

Molecular Characterization: Mouse B7-H2(Glu47-Lys279) hFc(Glu99-Ala330)
Molecular weight: 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.
Description: Recombinant mouse B7-H2 protein with C-terminal human Fc tag
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]

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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.