

37-1285: Human ICOS Ligand / B7-H2 / ICOSLG Recombinant Protein (Fc Tag)(Discontinued)

Reactivity : Human

Alternative Name : B7-h2 Protein, B7H2 Protein, B7RP-1 Protein, B7RP1 Protein, CD275 Protein, GL50 Protein, ICOS ligand Protein, ICOS-L Protein, ICOSL Protein, ICOSLG Protein, LICOS Protein,

Description

Source : HEK293 Cells

Inducible co-stimulator ligand (ICOSL), also known as B7-H2, is a member of the B7 family of co-stimulatory molecules related to B7-1 and B7-2. It is a transmembrane glycoprotein with extracellular IgV and IgC domains, and binds to ICOS on activated T cells, thus delivers a positive costimulatory signal for optimal T cell function. The structural features of ICOSL are crucial for its costimulatory function. Present study shows that ICOSL displays a marked oligomerization potential, resembling more like B7-1 than B7-2. B7-H2-dependent signaling may play an active role in a proliferative response rather than in cytokine and chemokine production. The CD28/B7 and ICOS/B7-H2 pathways are both critical for costimulating T cell immune responses. Deficiency in either pathway results in defective T cell activation, cytokine production and germinal center formation. Cancer Immunotherapy Co-stimulatory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount : H2 / ICOSLG Recombinant Protein (Fc Tag)(Discontinued) / 200 µg

Purification : (96.1±2.0) % as determined by SDS-PAGE

Content : Formulation Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Storage condition : Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Amino Acid : Met1-Ser258

Application Note

Endotoxin : < 1.0 EU per µg of the protein as determined by the LAL method

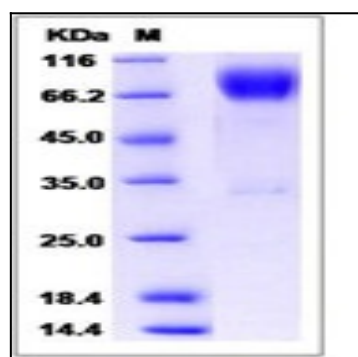


Fig 1: Human ICOS Ligand / B7-H2 / ICOSLG Recombinant Protein (Fc Tag)