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Recombinant Mouse ICOS Ligand / B7-H2 / ICOSLG Protein (His & Fc tag)

产品货号: TP08553

第三版

别名:Icosl, AU044799, B7-H2, B7RP-1, B7h, BG071784, GI50, GL50, GL50-B, ICOS-L, KIAA0653, LICOS, Ly115I, Mkiaa0653

描述: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.

配方:PBS

分子量:54.3 kDa

序列:Met 1-Lys 279

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.