32-7429: Recombinant Human B7-H2/ICOSLG/CD275 (C-6His)

Gene : ICOSLG
Gene ID : 102723996
Uniprot ID : O75144

Description

Source: Human Cells.
MW :27.72kD.
Recombinant Human Inducible Co-Stimulator Ligand is produced by our Mammalian expression system and the target gene encoding Asp19-Ser258 is expressed with a 6His tag at the C-terminus. Inducible Co-Stimulator Ligand (ICOSLG) belongs to the immunoglobulin superfamily. ICOSLG contains Ig-like C2-type (immunoglobulin-like) domain and 1 Ig-like V-type (immunoglobulin-like) domain. ICOSLG acts as a costimulatory signal for T-cell proliferation and cytokine secretion, it also induces B-cell proliferation and differentiation into plasma cells. It 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. ICOSLG is widely expressed lymph nodes, leukocytes and spleen, detected on activated monocytes and dendritic cells.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	DTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYHIPQNSSLENVDSRYRNRALMSPAG MLRGDFSLRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFSVPVVSAPHSPSQDELTFTCTSINGY PRPNVYWINKTDNSLLDQALQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIENVLLQQNLTVGSQTGNDIGE RDKITENPVSTGEKNAATWSVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Ã□Âµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

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