

32-13267: ICOSLG Human

Alternative Name : Inducible T-Cell Costimulator Ligand, B7-Related Protein 1, B7 Homolog 2, B7-Like Protein GI50, B7 Homologue 2, B7RP-1, ICOSL, B7-H2, B7RP1, B7H2, Transmembrane Protein B7-H2 ICOS Ligand, Inducible T-Cell Co-Stimulator Ligand, CD275 Antigen, ICOS Ligand, KIAA0653, ICOS-L, CD275, LICOS, GL50, ICOS ligand, B7 homolog 2, B7-H2, B7-like protein GI50, B7-related protein 1, B7RP-1.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Inducible T-Cell Costimulator Ligand also known as ICOSLG, is part of the B7 family of co-stimulatory molecules related to B7-1 and B7-2. ICOSLG is a transmembrane glycoprotein with extracellular IgV and IgC domains, in addition it binds to ICOS on activated T cells. The dependent signaling of ICOSLG takes part in a proliferative response.

ICOSLG produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 480 amino acids (19-256a.a.) and having a molecular mass of 53.7kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). ICOSLG is expressed with a 239 amino acid hlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : ICOSLG protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADPDTQEKEV RAMVGSDVEL SCACPEGSRF DLNDVYVYWQ TSESKTVVTY HIPQNSSLEN VDSRYRNRAL MSPAGMLRGD FSLRLFNVTP QDEQKFHCLV LSQSLGFQEV LSVEVTLHVA ANFSVPVVA PHSPSQDELFTCTTSINGYP RPNVYWINKT DNSLLDQALQ NDTVFLNMRG LYDVVSVLRI ARTPSVNIIGC CIENVLLQQN LTVGSQTGND IGERDKITEN PVSTGEKNA TLEPKSCDKT HTCPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKLSLSL SPGKHHHHHH.