

Inducible T-Cell Costimulator Ligand Human Recombinant

Item Number	rAP-3340
Synonyms	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 -Cell Co-Stimulator Ligand, CD275 Antigen, ICOS Ligand,
Description	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
Uniprot Accession Number	O75144
Amino Acid Sequence	ADPDTQEKEV RAMVGSDVEL SCACPEGSRF DLNDVYYWQ TSESKTVVTY HIPQNSSLLEN VDSRYRNRAL MSPAGMLRGD FSLRLFNVTP QDEQKFHCLV LSQSLGFQEV LSVVETLHVA ANFSVPVSA PHSPSQDELFT CTCTSINGYP RPNVYWINKT DNSLLDQALQ NDTVFLNMRG LYDVVSVL- RI ARTPSVNIGC CIENVLLQQN LTVGSQTGND IGERDKITEN PVSTGEKNAA TLEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAK- TKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	ICOSLG protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**