

Active Recombinant Human ICOSLG Protein, Fc Chimera

Cat. No. ICOSLG-1026H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICOSLG (Accession # O75144), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Asp19
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to stimulate human T cell proliferation in the presence of anti-CD3. Wang, S. et al. (2000) Blood 96:2808. The ED50 for this effect is 0.3-1.2 µg/mL in the presence of anti-CD3 immobilized at 20 ng/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human ICOSLG, Fc Chimera has a calculated MW of 53.4 kDa (monomer). In SDS-PAGE migrates as 80-90 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION**Gene Name** ICOSLG inducible T-cell co-stimulator ligand [Homo sapiens]**Official Symbol** ICOSLG**Synonyms** ICOSLG; inducible T-cell co-stimulator ligand; ICOSL; ICOS ligand; B7 homolog 2; B7 homologue 2; B7 H2; B7 related protein 1; B7H2; B7RP 1; B7RP1; CD275; GL50; ICOS L; KIAA0653; B7-like protein GI50; B7-related protein 1; transmembrane protein B7-H2 ICOS ligand; B7-H2; LICOS; B7RP-1; ICOS-L;**Gene ID** 23308**mRNA Refseq** NM_015259**Protein Refseq** NP_056074**MIM** 605717**UniProt ID** O75144**Chromosome Location** 21q22.3 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA