# Recombinant Human ICOSLG protein(Met1-Ser258), His-tagged, Biotinylated

**Cat. No.** ICOSLG-3213HB **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Biotinylated Recombinant Human ICOSLG (NP_056074.1) (Met1-Ser258) was expressed in HEK293 with a C-terminal polyhistidine tag. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 1-258 a.a. |
| **Conjugation/Label** | Biotin |
| **Form** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Bio-activity** | Immobilized Recombinant Human ICOS / AILIM / CD278 Protein (His & Fc Tag) at 2 μg/ml (100 μl/well) can bind Recombinant Human ICOS Ligand/B7-H2/ICOSLG Protein(His Tag), Biotinylated, The EC50 is 16-50 ng/mL. |
| **Molecular Mass** | The recombinant human ICOSLG consists of 251 amino acids and predicts a molecular mass of 28.1 kDa. |
| **Endotoxin** | < 1.0 EU per μg protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE. |

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

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| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| **Conjugation** | Biotin |

## GENE INFORMATION

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| **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 Gl50; 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 |

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