

## Active Recombinant Human ICOSLG protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ICOSLG (Met 1-Ser 258) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1-Ser 258
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Immobilized Recombinant Human ICOS / AILIM / CD278 Protein (Fc Tag) at 2 µg/ml (100 µl/well) can bind Recombinant Human ICOS Ligand / B7-H2 / ICOSLG Protein (ECD,His Tag),The EC50 is 63-160 ng/mL.
<b>Molecular Mass</b>	The secreted recombinant human ICOSLG consists of 251 amino acids and has a calculated molecular mass of 28 kDa. The apparent molecular mass of the protein is approximately 42-62 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 98 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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.

## 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA