

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

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

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human ICOSLG (NP_056074.1) (Met1-Ser258) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-258 a.a.
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. 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 (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.
<b>Molecular Mass</b>	The recombinant human ICOSLG consists of 251 amino acids and predicts a molecular mass of 28.1 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.

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<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ICOSLG inducible T-cell co-stimulator ligand [ Homo sapiens ]
<b>Official Symbol</b>	ICOSLG
<b>Synonyms</b>	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;
<b>Gene ID</b>	23308
<b>mRNA Refseq</b>	NM_015259
<b>Protein Refseq</b>	NP_056074
<b>MIM</b>	605717
<b>UniProt ID</b>	O75144

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