

Recombinant Human ICOSLG protein, His-Avi-tagged, Biotinylated

Cat. No. ICOSLG-144HB Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ICOSLG protein(O75144)(Asp19-Ser258), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp19-Ser258
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ICOS (C136S,C137S), His Tag at 2ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Human B7-H2, His Tag with the EC50 of 25.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 29.5 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

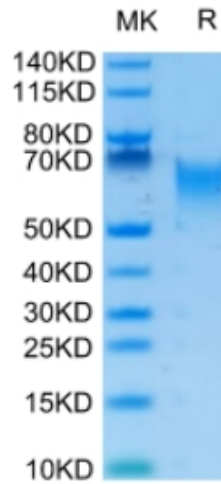
Gene Name	ICOSLG inducible T-cell co-stimulator ligand [Homo sapiens]
Official Symbol	ICOSLG
Synonyms	ICOSLG; inducible T-cell co-stimulator ligand; ICOSL; ICOS ligand; B7 homolog 2; B7 homologue 2; B7 H2; B7 related protein 1; B7H2; B7RP 1; B7RP1; CD275; GL50; ICOS L; KIAA0653; B7-like protein GI50; 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

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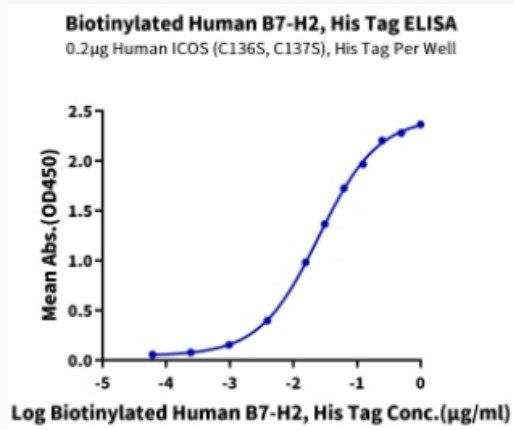
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Tris-Bis PAGE



ELISA Data



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