Active Recombinant Human ICOSLG protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human ICOSLG protein(NP_056074.1)(Met 1-Ser 258) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-258 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human B7-H2 at 1 μg/ml (100 μl/well) can bind human ICOS with a linear range of 1.6-200 ng/ml.
Molecular Mass	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 50-60 kDa in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

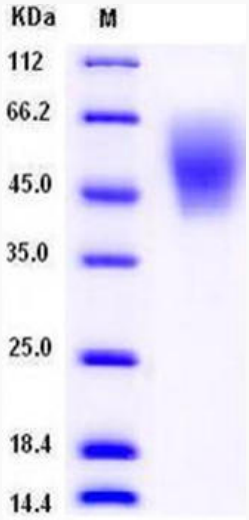
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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 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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SDS-PAGE	

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