

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](#)

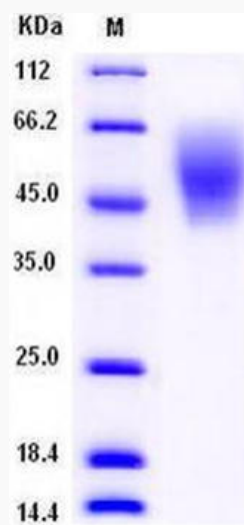
MIM [605717](#)

UniProt ID [O75144](#)

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SDS-PAGE

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