

Recombinant Human Inducible T-cell Co-stimulator Ligand, Fc Chimera

Cat. No. ICOSLG-2143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human B7H2 extracellular domain (C-terminus fused with human IgG1 Fc) produced in mammalian cells contains 457 amino acids with predicted MW 51.21D x 2 (dimer), and 12 cysteines (Fc has 6). It also has 6 N-link glycosylation sites with MW increase up to 30 KD.
Species	Human
Source	Mammalian Cells
Description	B7H2 is ligand for the T-cell specific cell surface receptor ICOS and acts as a costimulatory signal for T-cell proliferation and differentiation. It induces also B-cell proliferation and differentiation in plasma cells.
Purity	>90%.
Recommended Storage Temperature	-70°C.

GENE INFORMATION

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

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	protein GI50; B7-related protein 1; transmembrane protein B7-H2 ICOS ligand; B7-like protein; CD275 antigen
Gene ID	23308
mRNA Refseq	NM_015259
Protein Refseq	NP_056074
MIM	605717
UniProt ID	O75144
Chromosome Location	21q22.3
Pathway	Cell adhesion molecules (CAMs); Intestinal immune network for IgA production; Signaling in Immune system
Function	receptor binding

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