Active Recombinant Human ICOSLG, HIgG1 Fc-tagged

Cat. No. ICOSLG-1215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD275[B7-H2] (NP_056074.1) (Met1-Thr256) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	1-256 a.a.
Description	ICOSLG (inducible T-cell co-stimulator ligand) is a protein-coding gene. Diseases associated with ICOSLG include inclusion body myositis, and myositis, and among its related super-pathways are Immune System and Immune response ICOS pathway in T-helper cell. GO annotations related to this gene include receptor binding.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to stimulate human T cell proliferation in the presence of anti-CD3.
Molecular Mass	52 KDa (monomer)
AA Sequence	Met1-Thr256
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

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
Chromosome	21q22.3

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Location	
Pathway	Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Immune System, organism-specific biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem;
Function	receptor binding;

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