

Recombinant Human ICOSLG Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ICOSLG-2859H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ICOSLG MS Standard C13 and N15-labeled recombinant protein (NP_056074) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function.
Molecular Mass	33.3 kDa
AA Sequence	MRLGSPGLLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQ TSESKTVVTYHIPQNSSLENVDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKF HCLVLSQSLGFQEVLSVEVTLHVAANFSVPVVSAPHSPSQDELFTCTCTSINGYPRPN VYWINKTDNSLLDQALQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIEENVLLQQNL TVGSQTGNDIGERDKITENPVSTGEKNAATWSILAVLCLLVVAVAIGWVCRDRCLQ HSYAGAWAVSPETELTGHVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ICOSLG inducible T-cell co-stimulator ligand [Homo sapiens (human)]
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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