

Recombinant Mouse Icosl Protein, Myc/DDK-tagged

Cat. No. Icosl-3470M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length icos ligand (Icosl), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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. During pregnancy, may function to skew the cytokine of maternal T-cells toward immunoprotective Th2 phenotype.
Molecular Mass	36 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Icosl icos ligand \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Icosl](#)

Synonyms Icosl; icos ligand; L; IC; B7h; GL5; B7RP; GI50; GL50; B7-H2; GL50-; LICOS; B7RP-1; GL50-B; ICOS-L; Icoslg; Ly115l; AU044799; BG071784; mKIAA0653; ICOS ligand; B7 homolog 2; B7-like protein GI50; B7-related protein 1

Gene ID [50723](#)

mRNA Refseq [NM_015790](#)

Protein Refseq [NP_056605](#)

UniProt ID [Q9JHJ8](#)

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