

## Recombinant Rhesus Monkey ICOSLG Protein, hlgG1-tagged

**Cat. No.** ICOSLG-1514R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Recombinant Rhesus monkey ICOSLG Protein (XP_014988270 ( aa.19-254)) was expressed in human HEK293 cells with hlgG1 tag.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 19-254 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | ICOSL/B7-H2 is a member of B7/CD28 superfamily that serves as the 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 (By similarity). |
| <b>Form</b>             | PBS, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | > 95 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>     | WB; ELISA; Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | -80 centigrade, Avoid freeze/thaw cycle.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>    | 1 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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**GENE INFORMATION**

|                        |                                                                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ICOSLG inducible T-cell costimulator ligand [ <i>Macaca mulatta</i> (Rhesus monkey) ]                                                                                                                                                                                                                |
| <b>Official Symbol</b> | ICOSLG                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | 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 GI50; B7-related protein 1; transmembrane protein B7-H2 ICOS ligand; B7-H2; LICOS; B7RP-1; ICOS-L; |
| <b>Gene ID</b>         | 722191                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | XM_015132784.1                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | XP_014988270                                                                                                                                                                                                                                                                                         |

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