

# Active Recombinant Mouse Icos protein(Met1-Leu142), hFc-tagged

**Cat. No.** Icos-6951M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse ICOS (Q9WVS0) extracellular domain (Met 1-Leu 142) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.   |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Met1-Leu142   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.  |
| <b>Bio-activity</b>     | Immobilized Recombinant Mouse ICOS Ligand / B7-H2 / ICOSLG Protein (His Tag) at 2 µg/ml (100 µl/well) can bind Recombinant Mouse ICOS / AILIM / CD278 Protein (Fc Tag),The EC50 is 100-300 ng/mL. |
| <b>Molecular Mass</b>   | The recombinant mouse ICOS consists of 363 amino acids and has a predicted molecular mass of 40.9 kDa.  |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method  |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.  |

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

Icos inducible T cell co-stimulator [ *Mus musculus* ]

**Official Symbol**

Icos

**Synonyms**

ICOS; inducible T cell co-stimulator; inducible T-cell costimulator; CD28-related protein 1; CD28 and CTLA-4-like protein; inducible T-cell co-stimulator; activation-inducible lymphocyte immunomediatory molecule; H4; CCLP; AILIM; CRP-1; Ly115;

**Gene ID**

54167

**mRNA Refseq**

NM\_017480

**Protein Refseq**

NP\_059508

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