

# Active Recombinant Mouse ICOS protein(Met1-Leu144), rFc-tagged

**Cat. No.** ICOS-827M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Icos (NP_059508.2) (Met1-Leu144) was expressed in HEK293 with the Fc region of Rabbit IgG at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu144
<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 (rFc Tag), The EC50 is 156-600 ng/mL.
<b>Molecular Mass</b>	The recombinant mouse Icos consists of 355 amino acids and predicts a molecular mass of 40.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % 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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