

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

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

SPECIFICATION

Product Overview	Recombinant Mouse Icos (NP_059508.2) (Met1-Leu144) was expressed in HEK293 with the Fc region of Rabbit IgG at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu144
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	The recombinant mouse Icos consists of 355 amino acids and predicts a molecular mass of 40.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	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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