

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu142
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 (Fc Tag),The EC50 is 100-300 ng/mL.
Molecular Mass	The recombinant mouse ICOS consists of 363 amino acids and has a predicted molecular mass of 40.9 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 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

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

 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