

Active Recombinant Human ICOS protein, rFc-tagged

Cat. No. ICOS-3245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICOS protein(NP_036224.1)(Met1-Phe141), fused with rFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Phe141
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 0.5mM ETDA, pH 8.5.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Recombinant Human ICOS Ligand / B7-H2 / ICOSLG Protein (ECD,His Tag)(Cat:11559-H08H) at 2 µg/ml (100 µl/well) can bind Recombinant Human ICOS / AILIM / CD278 Protein (Fc Tag)(Cat:10344-H31H),The EC50 is 40-120 ng/mL.
Molecular Mass	The recombinant human ICOS consists of 345 amino acids and predicts a molecular mass of 38.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
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 [Homo sapiens]

Official Symbol ICOS

Synonyms ICOS; inducible T-cell co-stimulator; inducible T-cell costimulator; activation inducible lymphocyte immunomediatory molecule; AILIM; CD278; inducible costimulator; activation-inducible lymphocyte immunomediatory molecule; CVID1; MGC39850;

Gene ID 29851

mRNA Refseq NM_012092

Protein Refseq NP_036224

MIM 604558

UniProt ID Q9Y6W8

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