

Active Recombinant Human ICOS protein, His-Avi-tagged, Biotinylated

Cat. No. ICOS-0233H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Biotinylated Recombinant Human ICOS protein(Glu21-Phe141), fused with His and Avi tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 21-141 a.a. |
| Form | Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization. |
| Bio-activity | Immobilized Human B7-H2, Fc Tag at 5 μg/mL (100 μL/well) can bind Biotinylated Human ICOS (C136S, C137S) Protein, His,Avitag with a linear range of 2-78 ng/mL. |
| Molecular Mass | This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 17.4 kDa. The protein migrates as 25-32 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Proteinlength | Glu21-Phe141 |
| Endotoxin | Less than 1.0 EU per μg by the LAL method. |
| Purity | >90% as determined by SDS-PAGE. |

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation Biotin

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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