

Active Recombinant Human ICOS protein(C136S,C137S), His-tagged, Low Endotoxin

Cat. No. ICOS-6754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICOS protein(Q9Y6W8-1)(Glu21-Phe141(C136S,C137S)), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-141 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ICOS (C136S, C137S), His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human B7-H2, hFc Tag with the EC50 of 5.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.8 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

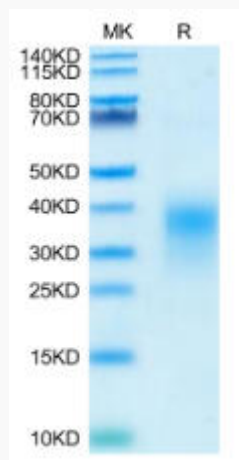
UniProt ID Q9Y6W8

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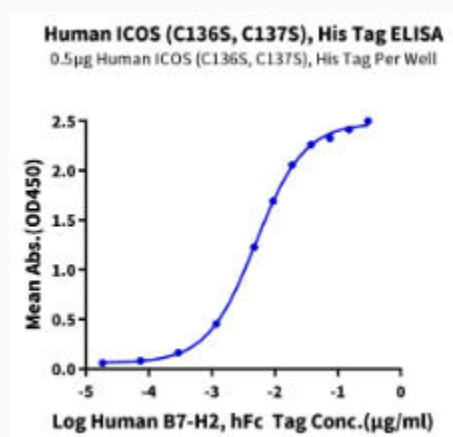
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Bis-Tris PAGE



ELISA Data



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