

Active Recombinant Human ICOS(Q50A) Protein, Fc-tagged

Cat. No. ICOS-4422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ICOS(Q50A) Protein(Q9Y6W8-1)(Glu21-Phe141) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	21-141 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human ICOS (Q50A), hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-ICOS Antibody, hFc Avi Tag with the EC50 of 91.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.45 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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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

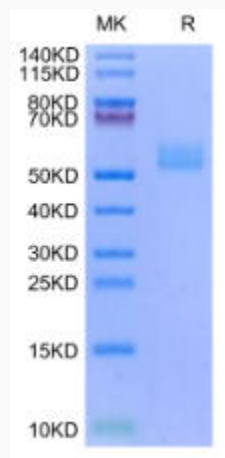
UniProt ID Q9Y6W8

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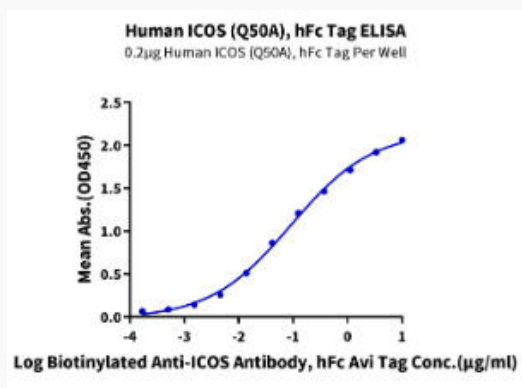
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Bis-Tris PAGE



ELISA Data



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