

Recombinant Human ICOS protein, His-Avi-tagged

Cat. No. ICOS-968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ICOS Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains Glu21-Phe141.
Species	Human
Source	HEK293
ProteinLength	Glu21-Phe141
Description	Inducible co-stimulator (ICOS), also called ALIM (activation-inducible lymphocyte immunomediatory molecule) and CRP-1 (CD28-related protein-1), is a member of the growing CD28 family of immune costimulatory receptors. Other family members are CD28, CTLA-4 and PD-1. Human ICOS is a homodimeric type I transmembrane protein consisting of 199 amino acids (aa) with a putative 20 aa signal sequence, a 121 aa extracellular domain, a 23 aa transmembrane region, and a 35 aa cytoplasmic domain.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 16.7KDa.
Endotoxin	Less than 1EU per ug by the LAL method.
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

Gene Name	ICOS inducible T cell costimulator [Homo sapiens (human)]
Official Symbol	ICOS
Synonyms	Activation-inducible lymphocyte immunomediatory molecule; AILIM; AILIMCD278; CD278 antigen; CD278; CRP-1; CVID1; ICOS; inducible costimulator; inducible T-cell costimulator; inducible T-cell co-stimulator; MGC39850
Gene ID	29851
mRNA Refseq	NM_012092.4
Protein Refseq	NP_036224.1
MIM	604558
UniProt ID	Q9Y6W8

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