

Active GMP Recombinant Human ICOS protein, Fc-tagged

Cat. No. ICOS-101HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human ICOS protein(NP_036224.1)(354 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human ICOS(NCBI Reference Sequence: NP_036224.1) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human B7-H2(His tag) at 2ug/mL(100 uL/well) that can bind to ICOS(Fc tag) is 0.2-10ng/mL.
Molecular Mass	Recombinant Human ICOS protein contains 354 aa. It has a predicted MW of 40.7 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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]
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Official Symbol	ICOS
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Synonyms	CD278; AILIM; Inducible T-cell costimulator
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Gene ID	29851
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mRNA Refseq	NM_012092
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Protein Refseq	NP_036224
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MIM	604558
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UniProt ID	Q9Y6W8
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