

Recombinant Human ICOS Protein, His&Fc tagged

Cat. No. ICOS-44H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ICOS (21-140 aa), fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	21-140 aa
Description	The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation.
Form	Liquid
AASequence	EINGSANYEMFIFHNGGVQILCKYPDIVQQFKMQLLKGGQILCDLTKTKGSGNTVSIK SLKFCHSQLSNNSVSFFLYNLDHSHANYFCNLSIFDPPPFKVTLTGGYLHIYESQLC CQLK
Molecular Mass	40.8 kDa
Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE

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Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	20mM MES buffer (pH 5.5) containing 40% glycerol, 2mM DTT, 1mM EDTA 0.1M NaCl
Concentration	0.25 mg/mL (determined by absorbance at 280nm)
GENE INFORMATION	
Gene ID	29851
Gene Name	ICOS inducible T-cell co-stimulator [Homo sapiens (human)]
Official Symbol	29851
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;
mRNA Refseq	NM_012092
Official Symbol 2	ICOS
Gene ID 2	29851
Gene Name 2	ICOS inducible T-cell co-stimulator [Homo sapiens (human)]
mRNA Refseq 2	NM_012092
Protein Refseq 2	NP_036224

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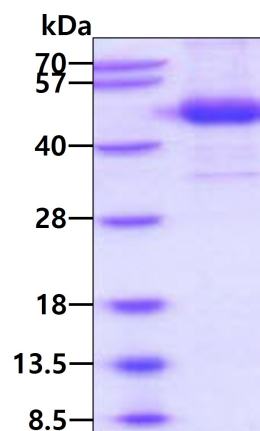
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MIM 2 604558

UniProt ID 2 Q9Y6W8

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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