Recombinant Human ICOS protein, His & GST-tagged

Cat. No. ICOS-7659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICOS aa. (Phe31~Lys190) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe31~Lys190
Form	Freeze-dried powder
Molecular Mass	48kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 8.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

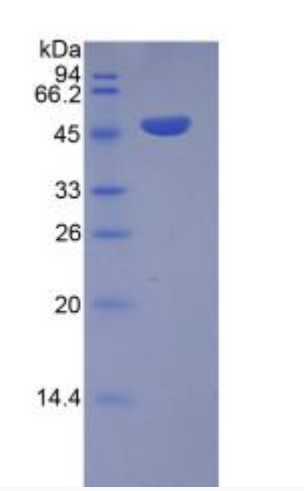
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	ICOS inducible T-cell costimulator [Homo sapiens (human)]
Official Symbol	ICOS
Synonyms	AILIM; CD278; CVID1; activation-inducible lymphocyte immunomediatory molecule; inducible T-cell co-stimulator; inducible costimulator; inducible T-cell costimulator
Gene ID	29851
mRNA Refseq	NM_012092.3
Protein Refseq	NP_036224.1
UniProt ID	Q9Y6W8

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SDS-PAGE	

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