Active Recombinant Human ICOS protein, Fc-His-tagged

Cat. No. ICOS-3243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ICOS protein(NP_036224.1)(Glu21-Phe141) is expressed in HEK293, fused with a Fc, 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-141 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human B7-H2/ICOSLG at 1 μg/mL (100 μL/well) can bind Human ICOS/CD278 with a linear range of 2-14.8 ng/mL.
Molecular Mass	40.53 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution	Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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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