

Recombinant Rat ICOS protein(Glu 21 - Pro 145 (C137S

Cat. No. ICOS-0230R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ICOS protein(Glu 21 - Pro 145 (C137S,C138S))(Q9R1T7-1) was expressed in HEK293, with the C-terminal fused polyhistidine tag.
Species	Rat
Source	HEK293
ProteinLength	21-145 a.a.
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Rat ICOS / CD278 (C137S, C138S), His Tag at 5 ug/mL (100 uL/well) can bind Mouse B7-H2, Fc Tag with a linear range of 2-39 ng/mL.
Molecular Mass	The protein has a calculated MW of 15.9 kDa. The protein migrates as 24-26 kDa and 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

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 [Rattus norvegicus]

Official Symbol ICOS

Synonyms ICOS; inducible T-cell co-stimulator; inducible T-cell costimulator; activation-inducible lymphocyte immunomediatory molecule; Ailim;

Gene ID 64545

mRNA Refseq NM_022610

Protein Refseq NP_072132

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