

Recombinant Rat ICOS protein(Met1-Leu142), hFc-tagged

Cat. No. ICOS-1283R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ICOS (Q9R1T7-1) (Met1-Leu142) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Leu142
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat ICOS /Fc is a disulfide-linked homodimer. The reduced monomer comprises 363 amino acids and has a predicted molecular mass of 40.7 kDa. The apparent molecular mass of the protein is approximately 43-47 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 [<i>Rattus norvegicus</i>]
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Official Symbol	ICOS
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Synonyms	ICOS; inducible T-cell co-stimulator; inducible T-cell costimulator; activation-inducible lymphocyte immunomediatory molecule; Ailim;
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Gene ID	64545
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mRNA Refseq	NM_022610
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Protein Refseq	NP_072132
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