

Recombinant Rat Icos, Fc tagged

Cat. No. Icos-8799R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Icos (Q9R1T7-1) (Met1-Leu142), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-142 a.a.
Predicted N Terminal	Glu 21
Form	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol 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 co
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution. 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](#)

Gene ID [64545](#)

mRNA Refseq [NM_022610](#)

Protein Refseq [NP_072132](#)

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