

# Recombinant Rat Icos Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Icos-8799RAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant Rat Icos (Q9R1T7-1) (Met1-Leu142), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	363
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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
<b>N-terminal Sequence Analysis</b>	Glu 21
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer

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Labeled with Alexa Fluor 647 via amines  
Excitation = 650 nm  
Emission = 668 nm

**Stability** Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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

**Storage Buffer** Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

**Conjugation** Alexa Fluor 647

## 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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