

Recombinant Mouse Icos Protein, Fc-tagged, FITC conjugated

Cat. No. Icos-6951MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant Mouse Icos (Q9WVS0) extracellular domain (Met 1-Leu 142), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	363
Form	Lyophilized
Molecular Mass	The recombinant mouse ICOS/Fc is a disulfide-linked homodimer. The reduced monomer consists of 363 amino acids and has a predicted molecular mass of 40.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmICOS/Fc monomer is approximately 40-45 kDa.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm

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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
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	FITC
GENE INFORMATION	
Gene Name	Icos inducible T cell co-stimulator [<i>Mus musculus</i>]
Official Symbol	Icos
Gene ID	54167
mRNA Refseq	NM_017480
Protein Refseq	NP_059508

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