

# Mouse ICOS/AILIM/CD278 (Fc Tag) recombinant protein



Catalog Number: 501132

## General Information

### Gene Name Synonym

Activation-inducible lymphocyte immunomediatory molecule; CD28 and CTLA-4-like protein; CD28-related protein 1

### Protein Construction

A DNA sequence encoding the mouse ICOS (Q9WVS0) extracellular domain (Met 1-Leu 142) was fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Glu 21

### 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.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

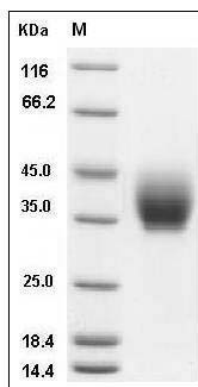
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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SDS-PAGE