

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 μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°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

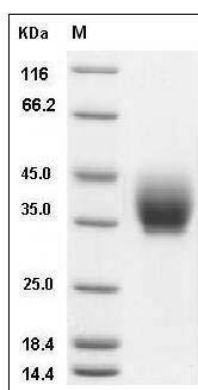
Storage

Store it under sterile conditions at -20°C to -80°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



Mouse ICOS / AILIM / CD278 Protein (Fc Tag)
SDS-PAGE