

Mouse ICOS Ligand/B7-H2 (His Tag) recombinant protein



Catalog Number: 501629

General Information

Protein Construction

A DNA sequence encoding the mouse B7-H2 (NP_056605.1) extracellular domain (Met 1-Lys 279) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized mouse B7-H2 at 1 µg/ml (100 µl/well) can bind human ICOS with a linear range of 40-1000 ng/ml.

Purity

> 95 % 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 47

Molecular Mass

The recombinant mouse B7-H2 comprises 244 amino acids with a predicted molecular mass of 27.8 kDa. As a result of glycosylation, the apparent molecular mass of rmB7-H2 is approximately 45-55 kDa in SDS-PAGE under reducing conditions.

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

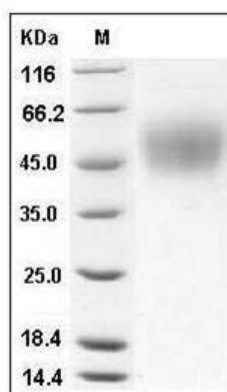
Storage

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 Ligand / B7-H2 / ICOSLG Protein (His Tag) SDS-PAGE