

Mouse CD28 (His Tag) recombinant protein



Catalog Number: 502654

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Lys 149) of mouse CD28 (NP_031668.3) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

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

Cys 27

Molecular Mass

The secreted mature form of mouse CD28 consists of 141 amino acids and has a predicted molecular mass of 16.5 kDa. Due to glycosylation, the

apparent molecular mass of rmCD28 is approximately 32-35 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

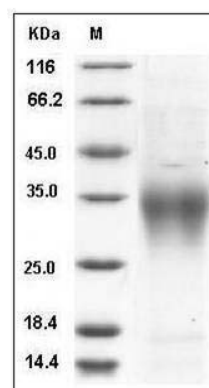
Storage

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 CD28 Protein (His Tag) SDS-PAGE