Human CD6 / Cluster of Differentiation 6 (Fc Tag) recombinant protein

Catalog Number: 504906

General Information

Protein Construction

A DNA sequence encoding the human CD6 (NP_006716.3) (Met1-Glu398) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells.When 8×10^4 cells/well are added to CD6-Fc coated plates (10 μg/mL, 100 μL/well), approximately >70% will adhere after 60 minutes at 37℃.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg protein as determined by the LAL method.

Stability

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

Predicted N terminal

His 18

Molecular Mass

The recombinant human CD6 consists of 619 amino acids and predicts a molecular mass of 67.3 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

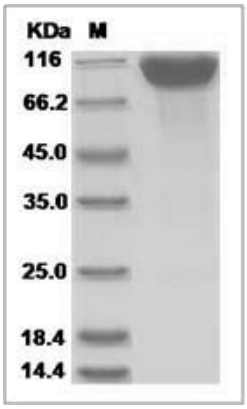
Storage

Store it under sterile conditions at -20℃ to -80℃. 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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