

Cynomolgus CD166/ALCAM (His Tag) recombinant protein



Catalog Number: 502045

General Information

Protein Construction

A DNA sequence encoding the cynomolgus ALCAM (G7NZQ8) (Met1-Ala526) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Immobilized Cynomolgus ALCAM-His at 10 µg/ml (100 µl/well) can bind mouse CD6-Fc (Cat:500293), The EC₅₀ of mouse CD6-Fc (Cat:500293) is 0.07-0.15 µg/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

Trp 28

Molecular Mass

The recombinant cynomolgus ALCAM comprises 510 amino acids and has a calculated molecular mass of 57.3 KDa. The apparent molecular mass of the protein is approximately 65-68 KDa respectively in SDS-PAGE.

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

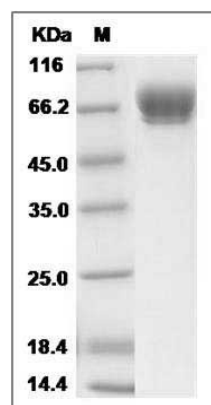
Store it under sterile conditions at -20°C to -80°C.

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



Cynomolgus ALCAM Protein (His Tag) SDS-PAGE