

General Information

Gene Name Synonym

Uncharacterized protein

Protein Construction

A DNA sequence encoding the cynomolgus CD2 (NP_001182402.1) (Met1-Asp209) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Cynomolgus CD2-His at 10 µg/ml (100 µl/well) can bind human CD58-Fc (Cat:501121), The EC₅₀ of human CD58-Fc (Cat:501121) is 0.04-0.10 µg/ml.

Purity

> 90 % 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

Lys 25

Molecular Mass

The recombinant cynomolgus CD2 comprises 196 amino acids and has a calculated molecular mass of 22.8 KDa. The apparent molecular mass of it is approximately 35.7 KDa 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

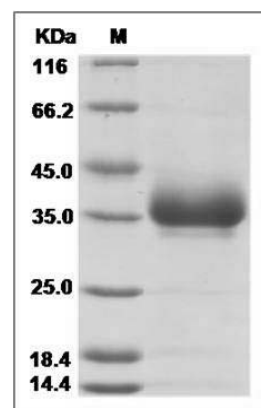
Storage

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 CD2 Protein (His Tag) SDS-PAGE