

General Information

Gene Name Synonym

Myeloid cell-specific leucine-rich glycoprotein

Protein Construction

A DNA sequence encoding the cynomolgus CD14 (B3Y6B8) (Met1-Met344) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Thr 20

Molecular Mass

The recombinant cynomolgus CD14 comprises 336 amino acids and has a calculated molecular mass of 36.5 KDa. The apparent molecular mass of it is approximately 44-48 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

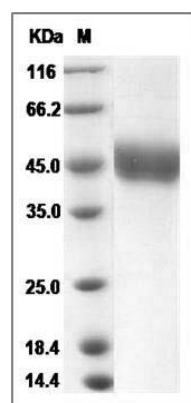
Storage

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 CD14 Protein (His Tag) SDS-PAGE