Cynomolgus RBP4 (His Tag) recombinant protein

Catalog Number: 504800

General Information

Protein Construction

A DNA sequence encoding the cynomolgus RBP4 (Met1-Leu201) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind alltrans retinoic acid. The binding of retinoic acid results in the quenching of Trp fluorescence in RBP4.
The 50% binding concentration (BC50) is >1 μM

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℃

Predicted N terminal

Glu 19

Molecular Mass

The recombinant cynomolgus RBP4 comprises 194 amino acids and has a calculated molecular mass of 22.6 KDa. The apparent molecular mass of it is approximately 23 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

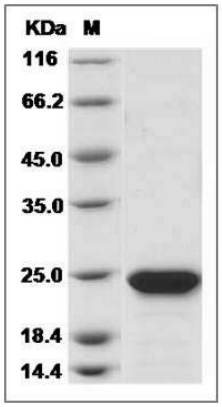
Storage

Store it under sterile conditions at -20℃ 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



Cynomolgus RBP4 Protein (His Tag) SDS-PAGE