

Rhesus CD4 (His Tag) recombinant protein



Catalog Number: 501810

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the rhesus CD4 (EHH20435.1) (Met1-Trp390) was expressed with a polyhistidine tag at the C-terminus.

Source:Rhesus

Expression Host:Human Cells

QC Testing

Activity:

Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When 5×10^4 cells/well are added to cynoCD4-His coated plates ($4\mu\text{g/mL}$ and $100\mu\text{L/well}$), approximately $>50\%$ will adhere specifically after 30 minutes at 37°C .

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:

Lys 26

Molecular Mass:

The recombinant rhesus CD4 comprises 376 amino acids and has a calculated molecular mass of 41.8 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

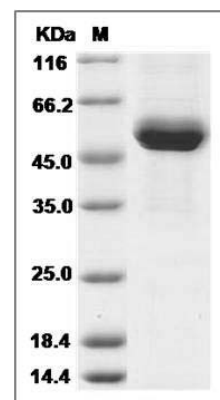
Storage:

Store it under sterile conditions at -20°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 CD4 Protein (His Tag) SDS-PAGE