

# Cynomolgus CTLA-4/CD152 (His Tag) recombinant protein



Catalog Number: 503512

## General Information

### Gene Name Synonym

Cytotoxic T-lymphocyte protein 4 isoform CTLA4-TM; Uncharacterized protein

### Protein Construction

A DNA sequence encoding the cynomolgus CTLA4 (Q9BDC4) (Met1-Asp161) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Immobilized Cynomolgus CTLA4-His at 10 µg/ml (100 µl/well) can bind Cynomolgus CD80-Fc (Cat:501232), The EC<sub>50</sub> of Cynomolgus CD80-Fc (Cat:501232) is 0.02-0.04 µg/ml.

### Purity

(73.4±23.7) % 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

Ala 37

### Molecular Mass

The recombinant cynomolgus CTLA4 comprises 136 amino acids and has a calculated molecular mass of 14.9 KDa. The apparent molecular mass of it is approximately 24 and 21 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

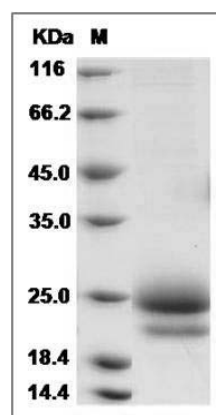
### Storage

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 CTLA4 / CD152 Protein (His Tag)  
SDS-PAGE