

## General Information

### Gene Name Synonym

T-cell-specific surface glycoprotein CD28;  
Uncharacterized protein

### Protein Construction

A DNA sequence encoding the cynomolgus CD28 [(Identical to the rhesus CD28 (NP\_001036106.2)] (Met1-Pro152) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asn 19

## Molecular Mass

The recombinant cynomolgus CD28 consists 372 amino acids and predicts a molecular mass of 41.9 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

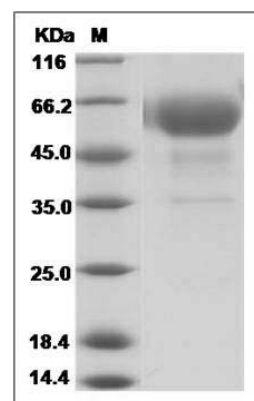
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 CD28 / TP44 Protein (Fc Tag)