

# Cynomolgus CD153/CD30L/TNFSF8 (Fc Tag) recombinant protein



Catalog Number: 502803

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus TNFSF8 (G7P2F1) (Gln63-Asp234) was expressed, with the Fc region of human IgG1 at the N-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Immobilized Cynomolgus Fc-TNFSF8 at 10 µg/ml (100 µl/well) can bind biotinylated human CD30-Fch (Cat:504541), The EC<sub>50</sub> of biotinylated human CD30-Fch (Cat:504541) is 5.3-12.5 ng/ml.

### Purity

> 90 % 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

Glu

### Molecular Mass

The recombinant cynomolgus TNFSF8 is a disulfide-linked homodimer. The reduced monomer comprises 432 amino acids and has a calculated molecular mass of 48.1 KDa. The apparent molecular mass of the protein is approximately 59 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

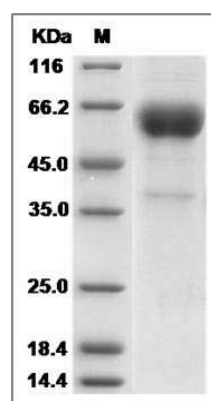
### Storage

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 CD153 / CD30L / TNFSF8 Protein (Fc Tag) SDS-PAGE