

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



Catalog Number: 503425

## General Information

### Gene Name Synonym

CD30 ligand

### Protein Construction

A DNA sequence encoding the extracellular domain (Gln 63-Asp 234) of human CD30 Ligand (NP\_001235.1) was fused with the Fc region of human IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD30L at 20 µg/ml (100 µl/well) can bind biotinylated human CD30 with a linear range of 0.31-20 ng/ml.

### 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

Arg 23

### Molecular Mass

The recombinant human Fc/CD30L is a disulfide-linked homodimeric protein. The reduced monomer consists of 429 amino acids and has a predicted molecular mass of 47.8 kDa. As a result of glycosylation, the apparent molecular mass of rh Fc/CD30L monomer is approximately 60-65 kDa in SDS-PAGE under reducing conditions.

### 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

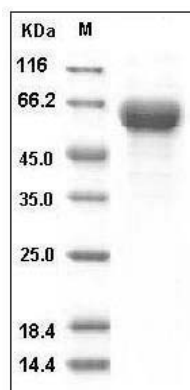
### Storage

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



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