

# Human CD30/TNFRSF8 (His & Fc Tag) recombinant protein



Catalog Number: 504541

## General Information

### Protein Construction

A DNA sequence encoding the human TNFRSF8 (NP\_001234.2) extracellular domain (Met 1-Lys 379) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-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

> 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

Phe 19

### Molecular Mass

The recombinant human TNFRSF8/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 609 amino acids and has a predicted molecular mass of 66.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTNFRSF8/Fc monomer is approximately 130 kDa due to glycosylation.

### 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

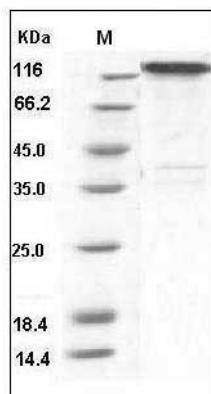
### Storage

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 CD30 / TNFRSF8 Protein (His & Fc Tag)  
SDS-PAGE