

# Human CD3d/CD3 delta (His Tag) recombinant protein



Catalog Number: 500882

## General Information

### Gene Name Synonym

T-cell receptor T3 delta chain; CD antigen CD3d

### Protein Construction

A DNA sequence encoding the human CD3D extracellular domain (NP\_000723.1) (Met 1-Ala 105) with a C-terminal polyhistidine tag was expressed.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the 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

Phe 22

### Molecular Mass

The secreted recombinant human CD3D

comprises 95 amino acids with a predicted molecular mass of 11 kDa. As a result of glycosylation, rhCD3D migrates as an approximately 20-23 kDa band 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

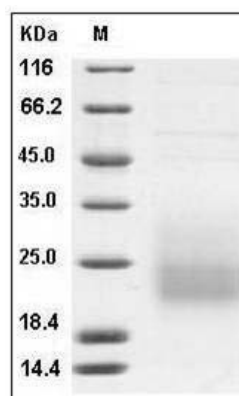
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  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



Human CD3d / CD3 delta Protein (His Tag) SDS-PAGE