

# Human CD247/CD3-ZETA (GST Tag) recombinant protein



Catalog Number: 501433

## General Information

### Gene Name Synonym

T-cell receptor T3 zeta chain

### Protein Construction

A DNA sequence encoding the mature form of human CD247 (P20963-1) (Arg52-Arg164) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human CD247 /GST chimera consists of 347 amino acids and has a predicted

molecular mass of 40.2 kDa. It migrates as an approximately 28-43 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

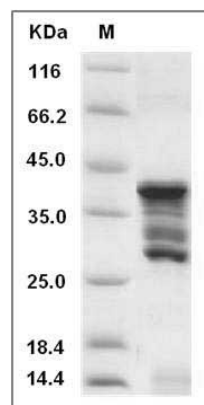
### Storage

Store it under sterile conditions at -20°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 CD247 / CD3-ZETA Protein (GST Tag)  
SDS-PAGE