# Rat CD3e/CD3 epsilon (Fc Tag) recombinant protein

Catalog Number: 503072



## **General Information**

#### Gene Name Synonym

Protein Cd3e

#### **Protein Construction**

A DNA sequence encoding the rat Cd3e (NP\_001101610.1) (Tyr24-Asp103) was expressed with the Fc region of human IgG1 at the Cterminus.

## **Organism**

Rat

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 95 % as determined by SDS-PAGE.

#### **Endotoxin**

<1.0 EU per  $\mu g$  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

Tyr 24

#### **Molecular Mass**

The recombinant rat Cd3e consists 318 amino acids and predicts a molecular mass of 36.1 kDa.

#### **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**

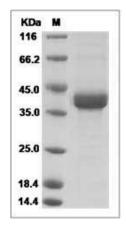
## **Storage**

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**



Cd3e protein SDS-PAGE