

# Cynomolgus EpCAM/TROP-1/TACSTD1 recombinant protein



Catalog Number: 501762

## General Information

### Gene Name Synonym

Tumor-associated calcium signal transducer 1

### Protein Construction

A DNA sequence encoding the cynomolgus EPCAM [(Identical to the rhesus EPCAM (NP\_001035118.1)) (Met1-Lys265)] was expressed with five amino acids (DDDDK) at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % 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

Gln 24

### Molecular Mass

The recombinant cynomolgus EPCAM comprises 248 amino acids and has a calculated molecular mass of 28 KDa. The apparent molecular mass of the protein is approximately 39 KDa in SDS-PAGE.

### 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

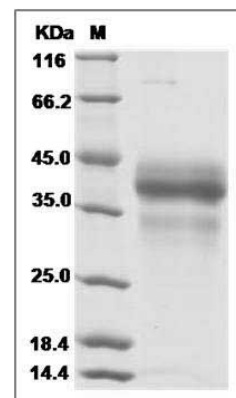
### Storage

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



Cynomolgus / Rhesus EpCAM / TROP-1 / TACSTD1 Protein SDS-PAGE