

# Rhesus CDH18 / Cadherin-18 (His Tag) recombinant protein



Catalog Number: 500589

## General Information

### Gene Name Synonym

Uncharacterized protein

### Protein Construction

A DNA sequence encoding the rhesus CDH18 (XP\_001088306.1) (Met1-Ser608) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rhesus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind biotinylated human CDH12-His (Cat:502926) in a functional ELISA.

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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°C

### Predicted N terminal

Thr 25

## Molecular Mass

The recombinant rhesus CDH18 comprises 595 amino acids and has a calculated molecular mass of 66.4 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

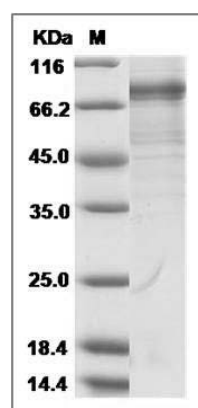
### Storage

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



Cynomolgus CDH18 / Cadherin-18 Protein (His Tag) SDS-PAGE