

# Rat CDH13 / Cadherin-13 / H Cadherin (His Tag) recombinant protein



Catalog Number: 501473

## General Information

### Gene Name Synonym

Protein Cdh13; T-cadherin

### Protein Construction

A DNA sequence encoding the rat CDH13(NP\_620244.1)(Met1-Ala692) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

(69.0+26.9) % 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

Ala 22

### Molecular Mass

The recombinant rat CDH13 comprises 682 amino

acids and predicts a molecular mass of 74.9 kDa. The apparent molecular mass of the recombinant protein is approximately 117 and 95 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### 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

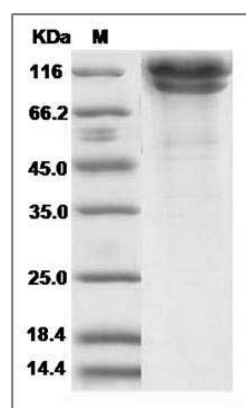
### Storage

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



Rat CDH13 / Cadherin-13 / H Cadherin Protein (His Tag) SDS-PAGE