

## General Information

### Gene Name Synonym

Cadherin-8

### Protein Construction

A DNA sequence encoding the rat CDH8 (NP\_445845.2)(Met1-Met621) was expressed with six amino acids (LEVLFQ) at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> 80 % 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 30

### Molecular Mass

The recombinant rat CDH8 comprises 599 amino acids and predicts a molecular mass of 65.9 kDa. The apparent molecular mass of the recombinant protein is approximately 76-85 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

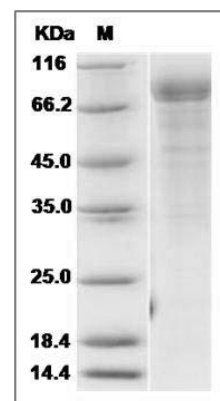
### Storage

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 Cadherin-8 / CDH8 Protein SDS-PAGE