

# Human Cadherin-12/CDH12 (His Tag) recombinant protein



Catalog Number: 502926

## General Information

### Protein Construction

A DNA sequence encoding the pro form of human CDH12 (NP\_001783.2) extracellular domain (Met 1-Ala 605) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### 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

Gln 24

### Molecular Mass

The recombinant human CDH12 comprises 593 amino acids and has a predicted molecular mass of 66 kDa. The apparent molecular mass of

rhCDH12 is approximately 80-85 kDa in SDS-PAGE due to glycosylation.

### Formulation

Lyophilized from sterile 50mM sodium citrate, 50mM NaCl, 2mM CaCl<sub>2</sub>, pH 6.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

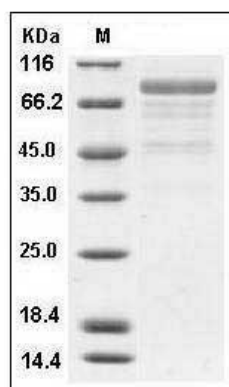
### Storage

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



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SDS-PAGE