

Rat E-Cadherin/CDH1/E-cad/CD324 (His Tag) recombinant protein



Catalog Number: 503478

General Information

Gene Name Synonym

Epithelial cadherin; Uvomorulin; E-Cad/CTF1; E-Cad/CTF2; E-Cad/CTF3

Protein Construction

A DNA sequence encoding the rat CDH1 (Q9R0T4) (Met1-Ala713) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

Gln 24

Molecular Mass

The recombinant rat CDH1 comprises 702 amino acids and predicts a molecular mass of 78.4 kDa. The apparent molecular mass of the recombinant protein is approximately 79 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

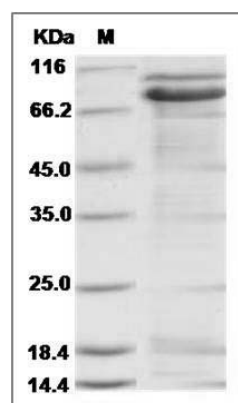
Storage

Store it under sterile conditions at -20°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



Rat E-Cadherin / CDH1 / E-cad / CD324 Protein (His Tag) SDS-PAGE