

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



Catalog Number: 503237

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 the Fc region of human IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

(53+40.8) % 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

Ala 22

Molecular Mass

The recombinant rat CDH13/Fc is a disulfide-linked homodimer. The reduced monomer

comprises 912 amino acids and has a predicted molecular mass of 100.5 kDa. The apparent molecular mass of the protein is approximately 102 and 52 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile 25mM MES, 0.15M NaCl, pH 6.5.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

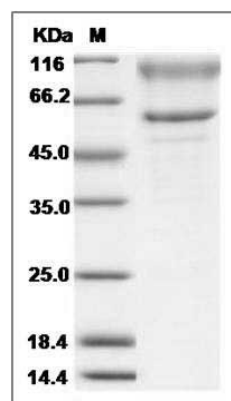
Storage

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