Human N-Cadherin/CD325/CDH2 (His & Fc Tag) recombinant protein

Catalog Number: 503482

General Information

Protein Construction

A DNA sequence encoding the human CDH2 (NP_001783.2) (Met 1-Ala 724) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 70 % 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℃

Predicted N terminal

Asp 160

Molecular Mass

The secreted recombinant human CDH2 is a disulfide-linked homodimeric protein. The reduced monomer comprises 813 amino acids and has a predicted molecular mass of 89.9 kDa. As a result of glycosylation, it migrates as an approximately 114 and 119 kDa band 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

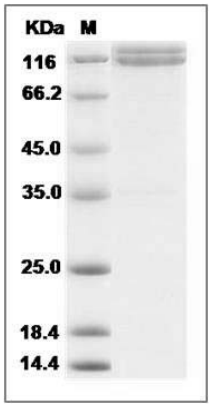
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



Human N-Cadherin / CD325 / CDH2 Protein (His & Fc Tag) SDS-PAGE