Human DC-SIGN/CD209 (Fc Tag) recombinant protein

Catalog Number: 501551

General Information

Protein Construction

A DNA sequence encoding the N-terminally truncated extracellular domain (Lys 62-Ala 404) of human DC-SIGN (NP_066978.1) was expressed with the fused Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 97 % 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

Glu 20

Molecular Mass

The recombinant human Fc/DC-SIGN chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 580 amino acids and has a calculated molecular mass of 65.8 kDa. As a result of glycosylation, the apparent molecular mass of rh Fc/DC-SIGN is approximately 75 kDa in SDS-PAGE under reducing conditions.

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

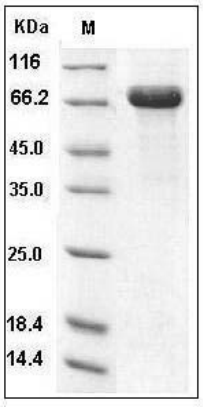
Storage

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 DC-SIGN / CD209 Protein (Fc Tag) SDS-PAGE