Human DC-SIGNR/CD299 (Fc Tag) recombinant protein

Catalog Number: 503445

General Information

Gene Name Synonym

CD209 antigen-like protein 1; DC-SIGN-related protein; Dendritic cell-specific ICAM-3-grabbing non-integrin 2; Liver/lymph node-specific ICAM-3-grabbing non-integrin

Protein Construction

A DNA sequence encoding the extracellular domain (Ser 78-Glu 399) of human DC-SIGNR (NP_055072.3) was fused with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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 DC-SIGNR/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 580 amino acids and has a predicted molecular mass of 65 kDa. As a result of glycosylation, the apparent molecular mass of rhDC-SIGNR/Fc is approximately 110-140 kDa & 65-70 kDa corresponding to the homodimer and monomer respectively in SDS-PAGE under non-reduced 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

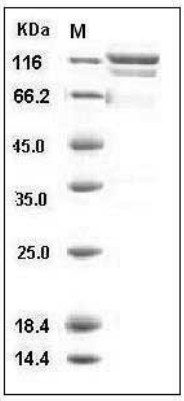
Storage

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-SIGNR / CD299 / CLEC4M Protein (Fc Tag) SDS-PAGE