Human CD96 (His Tag) recombinant protein

Catalog Number: 501784

General Information

Gene Name Synonym

Cell surface antigen CD96; T cell-activated increased late expression protein

Protein Construction

A DNA sequence encoding the human CD96 isoform 2 (P40200-2) extracellular domain (Met 1-Met 503) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its ability to bind recombinant mouse PVR in a functional ELISA.
2. Measured by its ability to bind recombinant Human CD155 in a functional ELISA.

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

Val 22

Molecular Mass

The recombinant human CD96 consists of 493 amino acids and predictes a molecular mass of 55 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CD96 is approximately 120-130 kDa due to high 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

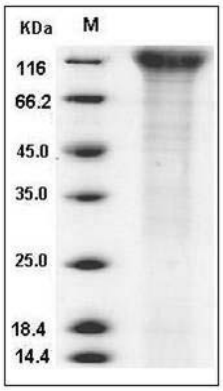
Storage

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 CD96 Protein (His Tag) SDS-PAGE