

Human CD59 (His Tag) recombinant protein



Catalog Number: 500449

General Information

Gene Name Synonym

1F5 antigen; 20 kDa homologous restriction factor; MAC-inhibitory protein; MEM43 antigen; Membrane attack complex inhibition factor; Membrane inhibitor of reactive lysis; Protectin

Protein Construction

A DNA sequence encoding the mature form of human CD59 (P13987-1) (Met 1-Glu 101) without the pro peptide was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

Leu 26

Molecular Mass

The recombinant human CD59 consists of 87 amino acids and has a predicted molecular mass of 10.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD59 is approximately 13-19 kDa 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

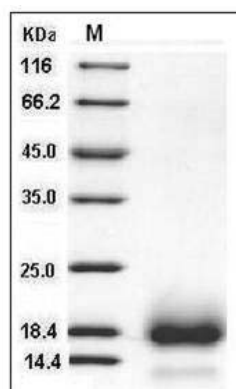
Storage

Store it under sterile conditions at -20°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



Human CD59 Protein (His Tag) SDS-PAGE