

Human CD19 (His Tag) recombinant protein



Catalog Number: 501537

General Information

Gene Name Synonym

B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12

Protein Construction

A DNA sequence encoding the human CD19 (P15391) extracellular domain (Met 1-Lys 291) was expressed, with a polyhistidine tag at the C-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°C

Predicted N terminal

Pro 20

Molecular Mass

The recombinant human CD19 consists of 283 amino acids and predicts a molecular mass of 31.6 kDa. In SDS-PAGE under reducing conditions, rhCD19 migrates as an approximately 47 kDa band 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

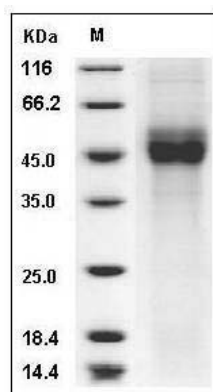
Storage

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 CD19 / Leu-12 Protein (His Tag) SDS-PAGE