

Human CD83 (His Tag) recombinant protein



Catalog Number: 500959

General Information

Gene Name Synonym

B-cell activation protein; Cell surface protein
HB15

Protein Construction

A DNA sequence encoding the human CD83 (Q01151-1) extracellular domain (Met 1-Ala 143) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Thr 20

Molecular Mass

The recombinant human CD83 consists of 135 amino acids and predicts a molecular mass of 15.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CD83 is approximately 20-30 kDa due to different 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

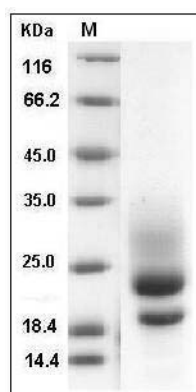
Storage

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 CD83 / HB15 Protein (His Tag) SDS-PAGE