

Human CD81 / TAPA-1 (Fc Tag) recombinant protein



Catalog Number: 503343

General Information

Protein Construction

A DNA sequence encoding the human CD81 (NP_004347.1) (Phe113-Lys201) was expressed with the Fc region of mouse IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

(94.0 %±4.4) % 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

Asp

Molecular Mass

The recombinant human CD81/mFc comprises 325 amino acids and has a predicted molecular mass of 36.4 kDa. The apparent molecular mass of the

monomer is approximately 38-42 kDa in SDS-PAGE under reducing conditions 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

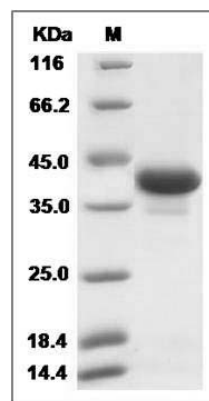
Storage

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 CD81 / TAPA-1 Protein (Fc Tag) SDS-PAGE