# 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  $\mu g$  of the protein as determined by the LAL method

### **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\text{C}$ 

#### 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**

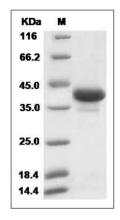
## **Storage**

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