

# Mouse CD53 (aa 107-181, His Tag) recombinant protein



Catalog Number: 502829

## General Information

### Gene Name Synonym

Cell surface glycoprotein CD53

### Protein Construction

A DNA sequence encoding the mouse CD53 (Q61451) (Glu107-Asn181) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  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

His

### Molecular Mass

The recombinant mouse CD53 consists of 95

amino acids and predicts a molecular mass of 10.6 KDa. It migrates as an approximately 22 KDa band 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

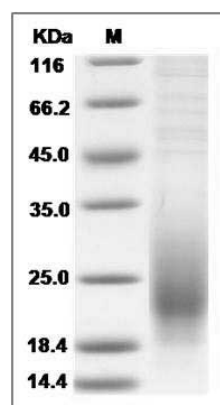
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Mouse CD53 Protein (aa 107-181, His Tag) SDS-PAGE