

## General Information

### Protein Construction

A DNA sequence encoding the Cynomolgus (Macaca fascicularis) p53 (E3U906) (Met 1-Asp 393) was expressed and purified.

### Organism

Cynomolgus

### Expression Host

E. coli

## QC Testing

### Activity

1. Measured by its ability to bind biotinylated human S100B in a functional ELISA.
2. Measured by its ability to bind biotinylated human RRM2B in a functional ELISA.

### Purity

> 88 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met 1

### Molecular Mass

The recombinant Cynomolgus p53 consisting of 393 amino acids and has a calculated molecular mass of 43.7 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 100mM Tris, 3% glycerol, 4mM DTT, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

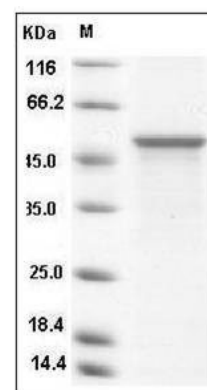
### Storage

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



Cynomolgus p53 / TP53 Protein SDS-PAGE