

# Cynomolgus CD73 / NT5E (His Tag) recombinant protein



Catalog Number: 501417

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus NT5E (EHH53214.1) (Met1-Lys547) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-monophosphate (AMP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit (Catalog # DY996). The specific activity is >20,000 pmol/min/μg.

### Purity

> 95 % 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

Trp 27

## Molecular Mass

The recombinant cynomolgus NT5E comprises 532 amino acids and has a calculated molecular mass of 59.2 KDa. The apparent molecular mass of it is approximately 59 KDa respectively in SDS-PAGE.

## 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

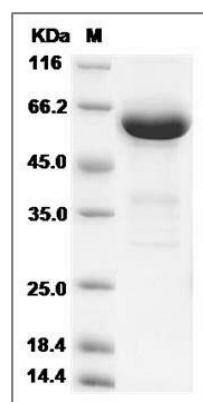
### Storage

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



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