

# Cynomolgus DPP4 / CD26 (Fc Tag) recombinant protein



Catalog Number: 504238

## General Information

### Gene Name Synonym

Uncharacterized protein

### Protein Construction

A DNA sequence encoding the cynomolgus DPP4 (F6VRB0) (Asp34-Pro766) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to cleave the fluorogenic peptide substrate, Gly-Pro-AMC(GP-AMC). The specific activity is > 3, 000 pmoles/min/ $\mu$ g.

### Purity

> 90 % 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°C

### Predicted N terminal

Glu

### Molecular Mass

The recombinant cynomolgus DPP4 is a disulfide-linked homodimer. The reduced monomer comprises 993 amino acids and has a calculated molecular mass of 112.9 KDa. The apparent molecular mass of the protein is approximately 113 KDa in SDS-PAGE.

### Formulation

Lyophilized from sterile 25 mM MES, 0.7 M NaCl, pH 4.9.

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

## Usage Guide

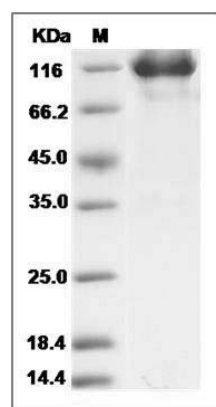
### Storage

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 DPP4 / DPPIV / CD26 Protein (Fc Tag) SDS-PAGE