

# Cynomolgus Neuropilin-1/NRP1/CD304 (Fc Tag) recombinant protein



Catalog Number: 500409

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus NRP1 (G7PEQ1) (Met1-Gly613) 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 bind with VEGF165 (293cell) (Cat:500706) in a functional ELISA.

### 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

Phe 22

### Molecular Mass

The recombinant cynomolgus NRP1 comprises 833 amino acids and has a calculated molecular mass of 93.7 KDa. The apparent molecular mass of the protein is approximately 94 KDa 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

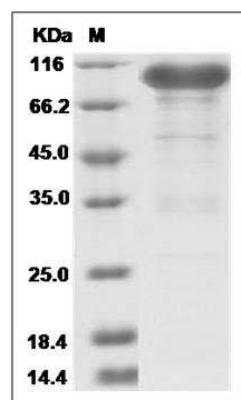
### Storage

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



Cynomolgus Neuropilin-1 / NRP1 Protein (Fc Tag)  
SDS-PAGE