

# Human Neuropilin-2/NRP2 (His Tag) recombinant protein



Catalog Number: 500658

## General Information

### Gene Name Synonym

Vascular endothelial cell growth factor 165 receptor 2

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Tyr 855) of human Neuropilin2 isoform 2 (NP\_003863.2) was expressed with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

### Purity

> 97 % 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

Gln 23

## Molecular Mass

The recombinant human NRP2 consists of 844 amino acids and has a calculated molecular mass of 95 kDa. The apparent molecular mass of rhNRP2 is approximately 100-110 kDa 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

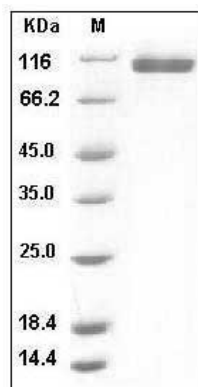
### Storage

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



Human Neuropilin-2 / NRP2 Protein (His Tag)  
SDS-PAGE