

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 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

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

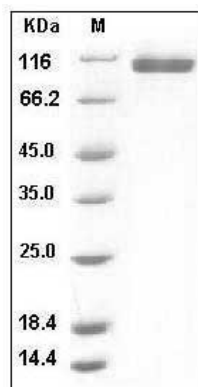
Storage

Store it under sterile conditions at -20°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



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