

# Human RTN4/NOGO-A (GST Tag) recombinant protein



Catalog Number: 502260

## General Information

### Gene Name Synonym

Foocen; Neurite outgrowth inhibitor; Neuroendocrine-specific protein; Neuroendocrine-specific protein C homolog; RTN-x; Reticulon-5

### Protein Construction

A DNA sequence encoding the human RTN4 (NP\_065393.1) N-terminal fragment (Met 1-Val 185) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to bind recombinant human RTN4R in a functional ELISA.

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant human RTN4/GST chimera consists of 417 amino acids and has a predicted molecular mass of 46.2 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile 20mM Tris, 150mM NaCl, 1mM DTT, 0.2mM GSH, pH 7.0

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

## Usage Guide

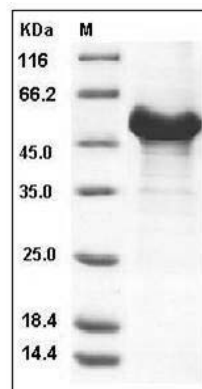
### Storage

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 RTN4 / NOGO-A Protein (GST Tag) SDS-PAGE