

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

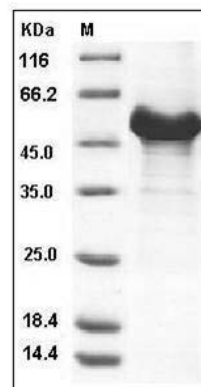
Storage

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