

Rat CNTFR (His Tag) recombinant protein



Catalog Number: 501299

General Information

Protein Construction

A DNA sequence encoding the rat CNTFR (Q08406-1) (Met 1-Pro 346) was fused with a C-terminal polyhistidine tag.

Organism

Rat

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized Rat CNTFR at 10 µg/ml (100 µl/well) can bind biotinylated human CNTF with a linear range of 1.28-160 ng/ml.

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

Met 1

Molecular Mass

The recombinant rat CNTFR comprises 356 amino acids with a predicted molecular mass of 39.6 kDa. It migrates as an approximately 48 kDa band in reduced SDS-PAGE.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH 8.0

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

Usage Guide

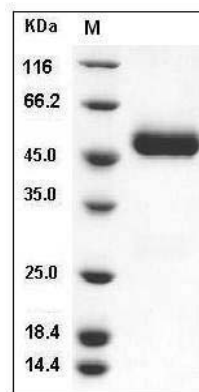
Storage

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



Rat CNTFR / CNTFR-alpha Protein (His Tag) SDS-PAGE