

General Information

Protein Construction

The amino acids sequence corresponding to (Met 1-Pro 346) of human CNTFR (NP_001833.1) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

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

Purity

> 98 % 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 CNTFR consists of 335 amino acids and predicts a molecular mass of 36 kDa. The apparent molecular mass of rhCNTFR is approximately 45-48 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 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

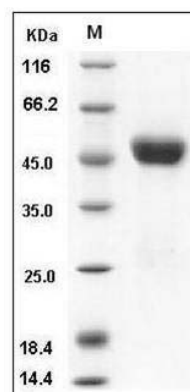
Storage

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



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