

Mouse TrkC/NTRK3 (His Tag) recombinant protein



Catalog Number: 500995

General Information

Protein Construction

A DNA sequence encoding the extracellular domain of mouse TrkC (NP_032772.3) (Met 1-Thr 429) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Immobilized mouse NTRK3-His at 10 µg/ml (100 µl/well) can bind biotinylated human NT3 (Cat:10286-HNA), The EC₅₀ of biotinylated human NT3 (Cat:10286-HNA) is 0.04-0.08 µg/ml.

Purity

> 95 % 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

Cys 32

Molecular Mass

The secreted recombinant mouse TrkC comprises 409 amino acids and has a calculated molecular mass of 46.1 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 100-110 kDa band in SDS-PAGE under reducing conditions.

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

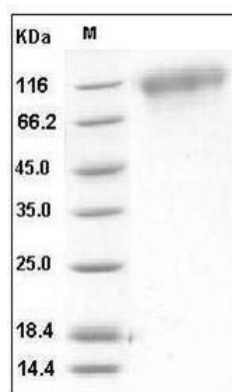
Store it under sterile conditions at -20°C to -80°C.

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



Mouse TrkC / NTRK3 Protein (His Tag) SDS-PAGE